CONTENTS

NUMBER 1, JANUARY, 2002

1 RESEARCH FELLOWSHIPS IN PULMONARY AND CRITICAL CARE

John L. Kirkwood; Norman Edelman ATRIAL MECHANICAL PERFORMANCE FOL-LOWING INTERNAL AND EXTERNAL CARDIO-VERSION OF ATRIAL FIBRILLATION: ITS RE-LATIONSHIP TO PERIPHERAL EMBOLIZATION AND ACUTE CEREBROVASCULAR ACCIDENT Marvin I. Dunn; James L. Marcum

OF TIME AND EXPERIENCE: SARCOIDOSIS REVISITED

Albert Miller OF MYCETOMAS AND MEN 5

Scott Lick; Alex Duarte

6 EPIDEMIOLOGY OF ASTHMA: SEVERITY MAT-TERS

David N. Weissman

SLEEP-RELATED BREATHING DISORDERS: IS IT ALL ABOUT APNEA? William C. Orr

HOSPICE AND PULMONARY MEDICINE 11 Peter B. Terry

13 ATRIAL MECHANICAL PERFORMANCE AFTER INTERNAL AND EXTERNAL CARDIOVERSION OF ATRIAL FIBRILLATION: AN ECHOCARDIO-GRAPHIC STUDY

Günter Lehmann; Jörg Horcher; Karl Dennig; Andreas Plewan; Kurt Ulm; Eckhard Alt

CLINICAL OBSERVATIONS WITH THE AMIO-19 DARONE/WARFARIN INTERACTION: DOSING RELATIONSHIPS WITH LONG-TERM THER-APY

Cynthia A. Sanoski; Jerry L. Bauman

EARLY TREATMENT OF STAGE II SARCOID-OSIS IMPROVES 5-YEAR PULMONARY FUNC-

Anne Pietinalho; Pentti Tukiainen; Tari Haahtela; Tore Persson; Olof Selroos; the Finnish Pulmonary Sarcoidosis Study Group

MORTALITY OF INTRATHORACIC SARCOID-OSIS IN REFERRAL VS POPULATION-BASED SETTINGS: INFLUENCE OF STAGE, ETHNIC-ITY, AND CORTICOSTEROID THERAPY Jerome M. Reich

NASAL POLYPS IN CYSTIC FIBROSIS: CLINI-CAL ENDOSCOPIC STUDY WITH NASAL LA-40 VAGE FLUID ANALYSIS Gert Henriksson; Karl Magnus Westrin; Ferenc

Karpati; Ann-Charlotte Wikström; Pontus Stierna; Lena Hjelte

IRON DEFICIENCY IN CYSTIC FIBROSIS: RE-LATIONSHIP TO LUNG DISEASE SEVERITY AND CHRONIC PSEUDOMONAS AERUGI-NOSA INFECTION

David W. Reid; Nicholas J. Withers; Libby Francis; John W. Wilson; Thomas C. Kotsimbos LONG-TERM BENEFITS OF INHALED TOBRA-MYCIN IN ADOLESCENT PATIENTS WITH CYSTIC FIBROSIS

Richard B. Moss IMPACT OF RECENT PULMONARY EXACER-BATIONS ON QUALITY OF LIFE IN PATIENTS WITH CYSTIC FIBROSIS

Maria T. Britto; Uma R. Kotagal; Richard W. Hornung; Harry D. Atherton; Joel Tsevat; Robert

W. Wilmott

ASSOCIATION BETWEEN GENETICALLY DE-TERMINED PANCREATIC STATUS AND LUNG DISEASE IN ADULT CYSTIC FIBROSIS PA-TIENTS

Yann Loubières; Dominique Grenet; Brigitte Simon-Bouy; Jacques Medioni; Paul Landais; Claude Férec; Marc Stern

EXHALED H₂O₂ IN STEADY-STATE BRONCHIECTASIS: RELATIONSHIP WITH CELLULAR COMPOSITION IN INDUCED SPUTUM, SPI-ROMETRY, AND EXTENT AND SEVERITY OF DISEASE

Stelios Loukides; Demosthenes Bouros; Georgios Papatheodorou; Stephanos Lachanis; Pa-nos Panagou; Nikolaos M. Siafakas

BRONCHIECTASIS: CORRELATION WITH CLINICAL PARAMETERS

Kenneth W. Tsang; Raymond Leung; Peter Chin-wan Fung; Shelley L. Chan; George L. Tipoe; Gaik C. Ooi; Wah K. Lam PERCUTANEOUS EMBOLOTHERAPY FOR LIFE-THREATENING HEMOPTYSIS

Michelle L. Wong; Peter Szkup; Mark J. Hopley USE OF BIOCHEMICAL MARKERS OF IN-FARCTION FOR DIAGNOSING PERIOPERA-TIVE MYOCARDIAL INFARCTION AND EARLY GRAFT OCCLUSION AFTER CORONARY AR-TERY BYPASS SURGERY

Lene Holmvang; Birgit Jurlander; Christian Ras-mussen; Jens J. Thiis; Peer Grande; Peter

ANALYSIS OF LOBAR LYMPH NODE METAS-TASES AROUND THE BRONCHI OF PRIMARY AND NONPRIMARY LOBES IN LUNG CANCER: RISK OF REMNANT TUMOR AT THE ROOT OF THE NONPRIMARY LOBES
Akira Yamanaka; Takashi Hirai; Ayuko Taka-

hashi; Fumio Konishi

CHRONIC NECROTIZING PULMONARY AS-PERGILLOSIS IN PNEUMOCONIOSIS: CLINI-CAL AND RADIOLOGIC FINDINGS IN 10 PA-**TIENTS** Takashi Kato; Ikuji Usami; Hiroki Morita; Masa-

hiro Goto; Masayoshi Hosoda; Atsushi Nakamura; Shogo Shima

OUTCOME OF LUNG TRANSPLANTATION IN PATIENTS WITH MYCETOMAS

Denis Hadjiliadis; Thomas A. Spom; John R. Perfect; Victor F. Tapson; R. Duane Davis; Scott M. Palmer

WHICH CLINICAL SUBGROUPS WITHIN THE SPECTRUM OF CHILD ASTHMA ARE ATTRIB-UTABLE TO ATOPY? Anne-Louise Ponsonby; Paul Gatenby; Nicholas

Glasgow; Raymond Mullins; Tim McDonald; Mark Hurwitz

EFFECTS OF PRANLUKAST ON CHEMICAL MEDIATORS IN INDUCED SPUTUM ON PROVOCATION TESTS IN ATOPIC AND ASPIRININTOLERANT ASTHMATIC PATIENTS Yasushi Obase; Terufumi Shimoda; Shin-ya Tomari; Kazuko Mitsuta; Tetsuya Kawano; Hi-

roto Matsuse; Shigeru Kohno INITIAL IMPROVEMENTS IN LUNG FUNCTION AND BRONCHIAL HYPERRESPONSIVENESS ARE MAINTAINED DURING 5 YEARS OF TREATMENT WITH INHALED BECLOMETHA-SONE DIPROPIONATE AND TERBUTALINE W. Rob Douma; Huib A. M. Kerstjens; Ad de Gooijer; Shelley E. Overbeek; Gerard H. Koëter; Dirkje S. Postma; the Dutch Chronic Nonspecific Lung Disease Study Group

RESPIRATORY SYMPTOMS AND NOCTUR-NAL GASTROESOPHAGEAL REFLUX: A POP-ULATION-BASED STUDY OF YOUNG ADULTS IN THREE EUROPEAN COUNTRIES Thorarinn Gislason; Christer Janson; Paul Ver-

meire; Peter Plaschke; Eythor Björnsson; David Gislason; Gunnar Boman

WHAT ARE OBSTRUCTIVE SLEEP APNEA PA-TIENTS BEING TREATED FOR PRIOR TO THIS DIAGNOSIS? Robert Smith; John Ronald; Kenneth Delaive;

RADDET SIMIT, JOHN MORIAGE, MEIN H. KRYGER
OPERATION EVEREST III (COMEX'97): ALTITUDE-INDUCED DECOMPRESSION SICKNESS DURING A HYPODARIC CHAMBER EXPERIMENT: NECESSITY FOR CIRCULATING
VENOUS GAS EMBOLI MONITORING FOR
THE INVESTIGATORS THE INVESTIGATORS Florence Molenat; Alain Boussuges

CLINICALLY DOCUMENTED PLEURAL EFFU-SIONS IN MEDICAL ICU PATIENTS: HOW USE-FUL IS ROUTINE THORACENTESIS? Muriel Fartoukh; Elie Azoulay; Richard Galliot;

Jean-Roger Le Gall; Frederic Baud; Sylvie Chev-ret; Benoît Schlemmer

OUTCOME FROM MECHANICAL VENTILA TION AFTER AUTOLOGOUS PERIPHERAL BLOOD STEM CELL TRANSPLANTATION Basheer Y. Khassawneh; Peter White, Jr.; Elias J. Anaissie; Barthel Barlogie; F. Charles Hiller

IRON LUNG VS MASK VENTILATION IN THE TREATMENT OF ACUTE ON CHRONIC RESPI-RATORY FAILURE IN COPD PATIENTS: A MULTICENTER STUDY Antonio Corrado; Marco Confalonieri; Santino Marchese; Corrado Mollica; Giuseppe Villella; Massimo Gorini; Rossana Della Porta POTENTIAL REBREATHING AFTER CONTINU-

OUS POSITIVE AIRWAY PRESSURE FAILURE DURING SLEEP Ramon Farré; Josep M. Montserrat; Eugeni Ball-

ester; Daniel Navajas EFFECTS OF A NOVEL IMPLANTABLE ELAS-

TOMER DEVICE FOR LUNG VOLUME REDUC-TION SURGERY IN A RABBIT MODEL OF ELA-STASE-INDUCED EMPHYSEMA Matthew Brenner; Xavier Gonzalez; Blanding Jones; Rick Ha; Kathryn Osann; Robert McKenna; Jeffrey Milliken SARCOMERES ARE ADDED IN SERIES TO EMPHYSEMATOUS RAT DIAPHRAGM AFTER

LUNG VOLUME REDUCTION SURGERY Joseph B. Shrager; Dong-Kwan Kim; Yahya J. Hashmi; Hansell H. Stedman; Jianliang Zhu;

Larry R. Kaiser; Sanford Levine
THE EFFECT OF CORTICOSTEROIDS ON
PLEURODESIS INDUCED BY DOXYCYCLINE IN RABBITS

Lisette R. Teixeira; Wenchao Wu; Dong-Sheng Chang; Richard W. Light HOSPICE CARE FOR PATIENTS WITH AD-VANCED LUNG DISEASE

lanet L. Abrahm; John Hansen-Flaschen THE PHARMACOLOGIC TREATMENT OF UN-COMPLICATED ARTERIAL HYPERTENSION IN PATIENTS WITH AIRWAY DYSFUNCTION Mario Cazzola; Paolo Noschese; Gennaro D'Amato; Maria Gabriella Matera

CT VIRTUAL BRONCHOSCOPY OF THE CEN-TRAL AIRWAYS IN PATIENTS WITH WEGEN-

ER'S GRANULOMATOSIS Ronald M. Summers; Neil R. Aggarwal; Michael

C. Sneller; Mark J. Cowan; Bradford J. Wood; Carol A. Langford; James H. Shelhamer NEW ELECTROABLATION TECHNIQUE FOL-LOWING THE FIRST-LINE STAPLING METHOD FOR THORACOSCOPIC TREATMENT OF PRI-MARY SPONTANEOUS PNEUMOTHORAX Noriyoshi Sawabata; Masahito Ikeda; Akihide Matsumura; Hajime Maeda; Shinichiro Miyoshi;

A 35-YEAR-OLD WOMAN WITH ASTHMA AND POLYCYSTIC LUNG DISEASE Octavian C. Ioachimescu; Steven Sieber; Michael J. Walker; Vincent Rella; Arthur Kotch

ROUNDED MASS IN MIDDLE LOBE AFTER SWAN-GANZ CATHETERIZATION Joey J. Brahim; David Cheung; Jesse A. J. Jessurun: Mariken J. A. Wolters-Geldof: Klaus F. Rabe

COSTS OF OCCUPATIONAL COPD AND **ASTHMA** J. Paul Leigh; Patrick S. Romano; Marc B.

Schenker: Kathleen Kreiss

Hikaru Matsuda

ADDITIONAL PROTEINS IN BAL FLUID OF METSOVITES ENVIRONMENTALLY EXPOSED TO ASBESTOS: MORE EVIDENCE OF "PRO-TECTION" AGAINST NEOPLASIA? Vassiliki Galani; Stavros Constantopoulos; Car-men Manda-Stachouli; Maria Frangou-Lazaridis; Anestis Mavridis; Miltiadis Vassiliou; Yotanna Dalavanga

A 55-YEAR-OLD PATIENT WITH ADVANCED COPD, TRACHEOSTOMY TUBE, AND SUDDEN

RESPIRATORY DISTRESS Richard V. Hodder

PHARMACOKINETICS OF ANTITUBERCULO-SIS MEDICATIONS DELIVERED VIA PERCUTA-NEOUS GASTROJEJUNOSTOMY TUBE John Reid; Darcy Marciniuk; Charles A. Pelo-

quin; Vernon Hoeppner
MANAGEMENT OF TENSION PNEUMATOCELE WITH HIGH FREQUENCY OSCILLATORY VENTILATION Hsiu-Nien Shen; Frank Leigh Lu; Huey-Dong Wu; Chong-Jen Yu; Pan-Chyr Yang

UNILATERAL CHRONIC THROMBOEMBOLIC PULMONARY DISEASE ASSOCIATED WITH COMBINED INHERITED THROMBOPHILIA Klaus Laczika; Irene Martha Lang; Peter Que-henberger; Christine Mannhalter; Manfred Muhm; Walter Klepetko; Paul Alexander Kyrle BILATERAL THUMB BURNS LEADING TO THE DIAGNOSIS OF CRACK LUNG

David Gatof; Richard K. Albert VARICOSITIES OF THE VALLECULAE: AN UN-USUAL CAUSE OF HEMOPTYSIS?

Richard Booton: Badie K. Jacob HUMAN RECOMBINANT ACTIVATED PROTEIN C IN MENINGOCOCCAL SEPSIS Gregory Wcisel; David Joyce; Arna Gudmunds-dottir: D. Michael Shasby

MEDIASTINAL ABSCESS DUE TO PASSAGE OF A BRONCHOLITH Sean M. Studer; Richard F. Heitmiller; Peter B.

HEREDITARY PULMONARY EMPHYSEMA Läszlö Bense; Gunnar Eklund; Rolf Lewander WHY NOT TO USE ERYTHROMYCIN IN GI

MOTILITY J. M. Guerin; F. Leibinger Response—Gökhan M. Mutlu; Phillip Factor;

Ece A. Mutlu
TUMOR MARKERS FOR DIAGNOSING MALIG-NANT PLEURAL EFFUSION? Eduardo Garcia-Pachon

Response - Michela Paganuzzi
THE HEPARIN ANTI-XA THERAPEUTIC
RANGE: ARE WE THERE YET? Maureen A. Smythe; Joan C. Mattson; John M. Response - Russell D. Hull

OUTCOMES AFTER BILATERAL LUNG VOL-UME REDUCTION Response-Fernando J. Martinez: Kevin R.

Flaherty
METHIMAZOLE-INDUCED ASTHMA? 305 Mehmet Polatli Response-Rosa Daniela Grembiale: Girolamo

DURATION OF STEROID THERAPY DETER-306 MINES DOSE-RESPONSE EFFECT

Brian J. Lipworth Response—Philip E. Silkoff SEVERE CENTRILOBULAR EMPHYSEMA IN A 307 PATIENT WITHOUT AIRFLOW OBSTRUCTION John Reid: Donald Cockcroft

INDUSTRY AND PROFESSIONAL MEDICAL SOCIETIES

Mahadevappa Hunasikatti DISCREPANCIES BETWEEN CLINICAL AND AUTOPSY DIAGNOSES IN CASES OF MALIG-NANT NEOPLASM

NON-SMALL CELL LUNG CANCER IN VERY YOUNG AND VERY OLD MALAYSIAN PA-309 TIENTS Chong-Kin Liam; Kim-Hatt Lim; Catherine Mee Ming Wong ERRATUM

PLEURAL DISEASES, 4TH EDITION

Lee K. Brown RISK STRATIFICATION: A PRACTICAL GUIDE 311 FOR CLINICIANS Douglas W. Mapel

NUMBER 2, FEBRUARY, 2002

PINK PUFFERS VS BLUE BLOATERS IN ASTHMA TOO?

Thomas K. Aldrich
OROPHARYNGEAL DYSFUNCTION IN COPD 315 PATIENTS: THE NEED FOR CLINICAL RE-SEARCH

Susan M. Harding
WAITING TO MAKE THE WEIGHT FOR LUNG 317

WAITING TO MARE THE WEIGHT FOR LUNG TRANSPLANTATION Stephanie M. Levine; Edward Y. Sako DETERMINANTS OF DAYTIME HYPERCAPNIA IN OBSTRUCTIVE SLEEP APNEA: IS OBESITY THE ONLY ONE TO BLAME? David Gozal

NONINVASIVE MECHANICAL VENTILATION AT HOME: BUILDING UPON THE TRADITION 321

Allen I. Goldberg
MONITORING LUNG MECHANICS: NEW AP-324 PLICATIONS FOR ESTABLISHED TOOLS Ahmet Baydur

BENCHMARKING IN CRITICAL CARE: THE ROAD AHEAD

Laurent G. Glance: James E. Szalados THE RISK OF HOSPITALIZATION AND NEAR-FATAL AND FATAL ASTHMA IN RELATION TO THE PERCEPTION OF DYSPNEA Rasmi Magadle; Noa Berar-Yanay; Paltiel

MARGINAL UTILITY OF MONTELUKAST FOR PERSISTENT ASTHMA

David A. Mathison; James A. Koziol THE RELATIONSHIPS AMONG HYDROGEN PEROXIDE IN EXPIRED BREATH CONDEN-SATE, AIRWAY INFLAMMATION, AND ASTHMA SEVERITY Stelios Loukides: Demosthenes Bouros: Geor-

gios Papatheodorou; Panos Panagou; Nikolaos M. Siafakas

LEVELS OF HOUSE DUST MITE-SPECIFIC IGE AND COCKROACH-SPECIFIC IGE AND THEIR ASSOCIATION WITH LOWER PULMONARY FUNCTION IN TAIWANESE CHILDREN Ying-Chu Lin; Huey-Jen Su; Tzuen-Ren Hsiue; Cheng-Hung Lee; Chang-Wen Chen; Yueliang

Leon Guo
UP-REGULATION OF L-SELECTIN AND E-SE-LECTIN IN HYPERSENSITIVITY PNEUMONITIS Carmen Navarro; Felipe Mendoza; Lourdes Bar-rera; Lourdes Segura-Valdez; Miguel Gaxiola; Ignacio Páramo; Moisés Selman

OROPHARYNGEAL DEGLUTITION IN STABLE COPD Babak Mokhlesi; Jeri A. Logemann; Alfred W. Rademaker; Carrie A. Stangl; Thomas C.

Corbridge BODY MASS INDEX AND THE RISK OF COPD Raida I. Harik-Khan; Jerome L. Fleg; Robert A.

DISCONTINUATION OF FUROSEMIDE DE-CREASES PACO2 IN PATIENTS WITH COPD Folkert Brijker; Yvonne F. Heijdra; Frank J. J. van den Elshout; Hans Th. M. Folgering

EFFECTS OF ACETAZOLAMIDE AND FURO-SEMIDE ON VENTILATION AND CEREBRAL BLOOD VOLUME IN NORMOCAPNIC AND HY-PERCAPNIC PATIENTS WITH COPD Marjo J. T. van de Ven; Willy N. J. M. Colier; Marco C. van der Sluijs; Berend Oeseburg; Piet Vis; Hans Folgering

EFFECT OF HYPEROXIA ON GAS EXCHANGE AND LACTATE KINETICS FOLLOWING EXER-CISE ONSET IN NONHYPOXEMIC COPD PA-TIENTS

Attila Somfav: János Pórszász: Sang-Moo Lee: Richard Casaburi

IMPACT OF BODY WEIGHT ON LONG-TERM SURVIVAL AFTER LUNG TRANSPLANTATION William F. Kanasky, Jr; Stephen D. Anton; James R. Rodrigue; Michael G. Perri; Thomas Szwed; Maher A. Baz

PREVENTION OF CYTOMEGALOVIRUS IN-FECTION AND DISEASE AFTER LUNG TRANS-PLANTATION: RESULTS USING A UNIQUE REGIMEN EMPLOYING DELAYED GANCICLO-

Lisa M. Brumble; Aaron P. Milstone; James E. Loyd; E. Wesley Ely; Richard N. Pierson III; Shiva Gautam; J. Stephen Dummer

DETERMINANTS OF CHRONIC HYPERCAPNIA IN JAPANESE MEN WITH OBSTRUCTIVE SLEEP APNEA SYNDROME Tsuneto Akashiba; Seiji Kawahara; Naoko Kosaka; Daisuke Ito; Osamu Saito; Tohru Majima;

Takashi Horie SEVERE OBSTRUCTIVE SLEEP APNEA IS AS-SOCIATED WITH LEFT VENTRICULAR DIA-STOLIC DYSFUNCTION

Jeffrey W. H. Fung; Thomas S. T. Li; Dominic K. L. Choy; Gabriel W. K. Yip; Fanny W. S. Ko; John E. Sanderson; David S. C. Hui

LONG-TERM COMPLIANCE RATES TO CON-TINUOUS POSITIVE AIRWAY PRESSURE IN OBSTRUCTIVE SLEEP APNEA: A POPULA-TION-BASED STUDY Don D. Sin; Irvin Mayers; Godfrey C. W. Man; Larry Pawluk

SPIROMETRY IN THE SUPINE POSITION IM-PROVES THE DETECTION OF DIAPHRAG-MATIC WEAKNESS IN PATIENTS WITH AMYO-TROPHIC LATERAL SCLEROSIS Noah Lechtzin; Charles M. Wiene

Shade; Lora Clawson; Gregory B. Diette NEUROADRENERGIC DENERVATION OF THE LUNG IN TYPE I DIABETES MELLITUS COM-PLICATED BY AUTONOMIC NEUROPATHY PLICATED BY ACTORDINIC NEDICATED STATES ANTONELII INCLUZIE Leonello Fuso; Alessandro Giordano; Dario Pitocco; Carmela Maiolo; Maria Lucia Calcagni; Giovanni Ghirlanda

BILATERAL ANTEROLATERAL MAGNETIC BILATERAL ANTENDLATERAL MAGNETIC STIMULATION OF THE PHRENIC NERVES CAN DETECT DIAPHRAGMATIC FATIGUE M. Jeffery Mador; Saadat Khan; Thomas J. Kufel DOMICILIARY-ASSISTED VENTILATION IN PATIENTS WITH MYOTONIC DYSTROPHY

Anne-Marie Nugent; Ian E. Smith; John M. Shneerson

SINIEERSON
BIOCHEMICAL AND CYTOLOGIC CHARAC-TERISTICS OF PLEURAL EFFUSIONS SEC-ONDARY TO PULMONARY EMBOLISM Santiago Romero Candeira; Luis Hernández Blasco; Maria J. Soler; Alejandro Muñoz; Ignacio

AMYLASE LEVELS IN PLEURAL EFFUSIONS: A CONSECUTIVE UNSELECTED SERIES OF 841 PATIENTS Victoria Villena; Virginia Pérez; Francisco Pozo;

Angel López-Encuentra; José Echave-Sustaeta; Joaquín Arenas; Pedro Martín Escribano PRESSURE ON THE RAPID SHALLOW BREATHING INDEX IN PATIENTS FOLLOWING CARDIAC SURGERY

CATURIA SUPPRISERY
Mohamad F. El-Khatib; Ghassan W. Jamaleddine; Andre R. Khoury; Mounir Y. Obeid
CYTOREDUCTIVE SURGERY AND INTRAOPERATIVE HYPERTHERMIC INTRATHORACIC CHEMOTHERAPY IN PATIENTS WITH MALIG-NANT PLEURAL MESOTHELIOMA OR PLEU-NANT PLEURAL MESOTHELIOMA OF PLEU-RAL METASTASES OF THYMOMA Eelco de Bree; Serge van Ruth; Paul Baas; Emiel J. Th. Rutgers; Nico van Zandwijk; Arjen J. Witkamp; Frans A. N. Zoetmulder

DISCHARGE CRITERIA FROM PERIOPERA-TIVE PHYSICAL THERAPY Dina Brooks; Janet Parsons; Janet Newton; Cheryl Dear; Ellen Silaj; Lynne Sinclair; Janice

ROLE OF BIOCHEMICAL TESTS IN THE DIAGNOSIS OF LARGE PERICARDIAL EFFUSIONS

Lesley J. Burgess; Helmuth Reuter; J. J. Frans Taljaard; Anton F. Doubell AORTIC SPONTANEOUS ECHOCARDIO-GRAPHIC CONTRAST AND HEMOSTATIC GRAPHIC CONTRAST AND HEMOSTATIC
MARKERS IN PATIENTS WITH NONRHEU-MATIC ATRIAL FIBRILLATION Keiko Nakagawa; Tadakazu Hirai; Noriko Shino-kawa; Shutaro Takashima; Takashi Nozawa; Hi-

detsugu Asanoi; Hiroshi Inoue LEFT VENTRICULAR REMODELING, SYS-TOLIC FUNCTION, AND DIASTOLIC FUNC-TION IN YOUNG ADULTS WITH β-THALASSE-MIA INTERMEDIA: A DOPPLER ECHOCAR-DIOGRAPHY STUDY Marco Vaccari: Roberto Crepaz: Monica Fortini:

Maria R. Gamberini; Sabrina Scarcia; Walt Pitscheider: Giuliano Bosi THE PROGNOSTIC ROLE OF THE ECG IN PRIMARY PULMONARY HYPERTENSION Eduardo Bossone; Giuseppe Paciocco; Diana

Eulardo Bussine, Giuseppe Paciocco, bana larussi; Angelo Agretto; Aldo Iacono; Brenda W. Gillespie; Melvyn Rubenfire ELEVATED LEVELS OF α -DEFENSINS IN PLASMA AND BAL FLUID OF PATIENTS WITH ACTIVE PULMONARY TUBERCULOSIS Jun-ichi Ashitani; Hiroshi Mukae; Takeaki Hiratsuka; Masamitsu Nakazato; Kenshi Kumamoto; Shigeru Matsukura
ROLE OF FINE-NEEDLE ASPIRATES OF FO-

CAL LUNG LESIONS IN PATIENTS WITH HE-MATOLOGIC MALIGNANCIES

MATOLOGIC MALIGIAANOLES
Philip W. Wong, Thomer Stefanec; Karen
Brown; Dorothy A. White
CENTRAL VENOUS AND BLADDER PRESSURE REFLECT TRANSDIAPHRAGMATIC

PRESSURE DURING PRESSURE SUPPORT VENTILATION Sarah Chieveley-Williams; Lila Dinner; Anna Puddicombe; Debbie Field; A. T. Lovell; John C.

Goldstone A CROSS-CULTURAL COMPARISON OF CRITICAL-CARE DELIVERY: JAPAN AND THE UNITED STATES

Carl A. Sirio; Kimitaka Tajimi; Nobuyuki Taenaka; Yoshihito Ujike; Kazufumi Okamoto; Hirotada Katsuva

2-MONTH MORTALITY AND FUNCTIONAL STATUS OF CRITICALLY ILL ADULT PATIENTS RECEIVING PROLONGED MECHANICAL VEN-Quality of Life After Mechanical Ventilation in the

Aged Study Investigators
COMPARISON OF CARDIAC OUTPUT AND
CIRCULATORY BLOOD VOLUMES BY 559

TRANSPULMONARY THERMO-DYE DILUTION AND TRANSCUTANFOUS INDOCYANINE GREEN MEASUREMENT IN CRITICALLY ILL PATIENTS

Samir G. Sakka; Konrad Reinhart; Karl Wegscheider: Andreas Meier-Hellmann

EFFECTS OF PARTIAL LIQUID VENTILATION

ON UNILATERAL LUNG INJURY IN DOGS Shigeki Sawada; Kenichi Matsuda; John G. Younger, Kent J. Johnson; Robert H. Bartlett; Ronald B. Hirschl

TISSUE LIPID PEROXIDATION AND RE-DUCED GLUTATHIONE DEPLETION IN HYPO-CHLORITE-INDUCED LUNG INJURY Stefan Hammerschmidt; Nicole Büchler; Hans

Wahn

INHIBITION OF HUMAN NEUTROPHIL ELAS-TASE-INDUCED ACUTE LUNG INJURY IN HAMSTERS BY RECOMBINANT HUMAN PRE-ELAFIN (TRAPPIN-2)

ELAFIN (TRAPPIN-2)
Guy M. Tremblay; Eric Vachon; Chantal
Larouche; Yves Bourbonnais
CHANGES IN (NA + K)-ADENOSINE TRIPHOSPHATASE ACTIVITY AND ULTRASTRUCTURE
OF LUNG AND KIDNEY ASSOCIATED WITH
OXIDATIVE STRESS INDUCED BY ACUTE
ETHANOL INTOXICATION
Flamon Bergion Service Trailing Closling Recogn

Ramón Rodrigo; Sergio Trujillo; Cleofina Bosco; Myriam Orellana; Lilian Thielemann; Julia Araya A SYSTEMATIC REVIEW OF THE EFFECTS OF BRONCHODILATORS ON EXERCISE CAPAC-ITY IN PATIENTS WITH COPD Jeroen J. W. Liesker; Peter J. Wijkstra; Nick H. T. Ten Hacken; Gerard H. Koëter; Dirkje S. Postma; Huib A. M. Kerstjens

609 COPD AND OSTEOPOROSIS

Diane M. Biskobing
AIRWAY HYPERRESPONSIVENESS AND CALCIUM_HANDLING BY SMOOTH MUSCLE: A DEEPER LOOK" Krishnan Parameswaran: Luke J. Janssen: Paul

M. O'Byrne
ORAL CORTICOSTEROIDS INCREASE 625 ORAL ESOPHAGEAL ACID CONTACT TIMES IN PA-TIENTS WITH STABLE ASTHMA

John P. Lazenby; Melany R. Guzzo; Susan M. Harding; Patricia E. Patterson; Lawrence F. Johnson; Laurence A. Bradley

VIDEO-ASSISTED SLEEVE LOBECTOMY FOR MUCOEPIDERMOID CARCINOMA OF THE 635 LEFT LOWER LOBAR BRONCHUS: A CASE Luigi Santambrogio; Ugo Cioffi; Matilde De Si-mone; Lorenzo Rosso; Stefano Ferrero; An-

namaria Giunta CLINICAL CONFERENCE ON MANAGEMENT

DILEMMAS: BRONCHIECTASIS AND ENDO-BRONCHIAL POLYPS Jeff Schnader; Jim Harrell; Praveen Mathur; Carmel Joseph; Jhansi Koduri; Paul Kvale

644 REPEATED INFECTIONS IN A 68-YEAR-OLD

Steven M. Sorenson; Emelya Moradzadeh; Ra-inikant Bakhda

SIMPLE CONSTRUCTION OF A SUBCUTANE-OUS CATHETER FOR TREATMENT OF SE-VERE SUBCUTANEOUS EMPHYSEMA Paul L. Beck: Steven J. Heitman: Christopher Mody

AUTOPSY FINDINGS OF HEART AND LUNGS IN A PATIENT WITH PRIMARY PULMONARY HYPERTENSION ASSOCIATED WITH USE OF FENFLURAMINE AND PHENTERMINE

Tatsuo Tomita; Joan Q. Zhao

SEPTIC PULMONARY EMBOLISM ASSOCI-ATED WITH PERIODONTAL DISEASE: RE-PORTS OF TWO CASES AND REVIEW OF THE I ITERATURE

Yutaro Shiota; Hitomi Arikita; Naokatsu Horita; Junichiro Hiyama; Tetsuya Ono; Shuji Ohkawa;

Michio Yamakido

Nicholas S. Hill

CHORIOCARCINOMA IN THE PULMONARY ARTERY TREATED WITH EMERGENCY PUL-MONARY EMBOLECTOMY Shun-ichi Watanabe; Shinji Shimokawa; Koh-ichi Sakasegawa; Hiroshi Masuda; Ryuzo

Sakata; Michiyo Higashi PULMONARY EDEMA CAUSED BY INHALED NITRIC OXIDE THERAPY IN TWO PATIENTS WITH PULMONARY HYPERTENSION ASSOCI-ATED WITH THE CREST SYNDROME Ioana R. Preston; James R. Klinger; Jeanne Houtchens; David Nelson; Sangeeta Mehta; DIFFUSE PANBRONCHIOLITIS: A TREATABLE SINOBRONCHIAL DISEASE IN NEED OF REC-OGNITION IN THE UNITED STATES Padmanabhan Krishnan; Rajeeve Thachil; Vir-gilio Gillego DEFINING DYSPNEA

Madathi Govindaraj Response – Roger D. Yusen SUPPLEMENTAL OXYGEN DURING FLEXIBLE BRONCHOSCOPY Rafael Golpe; Alfonso Mateos Response-Andrew M. Jones; B. Ronan O'Driscoll

ENDOBRONCHIAL SPREAD OF PARENCHY-MAL METASTASES Ranganath Muniyappa; Rekha Nugaram; Suresh Gehani: David M. Wu Response – Takuji Kiryu; Eisuke Matsui; Hisashi Iwata; Mitsuharu Kokubo; Kuniyasu Shimokawa;

Shimpei Kawaguchi; Hiroaki Hoshi PECTUS AND HYPOVENTILATION Philip Glassner; John R. Bach Response – Abbas Mansour; Jenifer S. Khan; M.

Anees Khan
ENOXAPARIN TREATMENT IN UNSTABLE
CORONARY ARTERY DISEASE: INTERNATIONAL COST SAVINGS Keith A. A. Fox; Shaun G. Goodman

Response-John A. Cairns: Pierre Théroux STATUS ASTHMATICUS IN CHILDREN: EVI-DENCE-BASED RECOMMENDATIONS Gustavo J. Rodrigo; Carlos Rodrigo Response – Heinrich A. Werner

PNEUMOTHORAX—GUIDELINES OF ACTION Nuria Manes; Helena Hernandez-Rodriguez; Soledad Lopez-Martin; Fernando Sanchez-Gascon

THE DESKTOP GUIDE TO COMPLEMENTARY AND ALTERNATIVE MEDICINE: AN EVIDENCE-BASED APPROACH

John Doggett SLEEP MEDICINE PEARLS Naim S. Bashir

NUMBER 3, MARCH, 2002

- IS ASTHMA ANOTHER INTERSTITIAL LUNG DISEASE?
- TREATMENT OF OBSTRUCTIVE SLEEP AP-NEA: NO LONGER JUST A LOT OF HOT AIR Scott E. Eveloff
- BLASTOMYCOSIS: A GREAT MASQUERADER
- PREVENTION OF VENTILATOR-ASSOCIATED PNEUMONIA: SELECTING INTERVENTIONS THAT MAKE A DIFFERENCE

Manuel Iregui; Marin H. Kollef IS A SILVER COATING A SILVER LINING? Robert A. Balk

- END-OF-LIFE ISSUES AND THE DO-NOT-RE-SUSCITATE ORDER: WHO GIVES THE ORDER AND WHAT INFLUENCES THE DECISION? Ashok M. Kamik
- TOBACCO DEPENDENCE: A CHRONIC DIS-FASE Connie L. Kohler
- MEASUREMENT OF SHORT-TERM CHANGES IN DYSPNEA AND DISEASE-SPECIFIC QUAL ITY OF LIFE FOLLOWING AN ACUTE COPD **EXACERBATION** Shawn D. Aaron: Katherine L. Vandemheen:

Jennifer J. Clinch; Jan Ahuja; Robert J. Brison; Garth Dickinson; Paul C. Hébert

ASSOCIATION BETWEEN THE ANGIOTENSIN-CONVERTING ENZYME GENE POLYMOR-PHISMS AND TISSUE OXYGENATION DURING EXERCISE IN PATIENTS WITH COPD Hiroshi Kanazawa: Toshihiro Otsuka: Kazuto Hirata; Junichi Yoshikawa

USE OF A MUCUS CLEARANCE DEVICE ENHANCES THE BRONCHODILATOR RESPONSE IN PATIENTS WITH STABLE COPD Norman Wolkove; Hany Karnel; Michael Ro-taple; Marc A. Baltzan, Jr.

REPEATABILITY OF INSPIRATORY CAPACITY DURING INCREMENTAL EXERCISE IN PATIENTS WITH SEVERE COPD Thomas E. Dolmage; Roger S. Goldstein

UNSUSPECTED LOSS OF LUNG ELASTIC RE-COIL IN CHRONIC PERSISTENT ASTHMA

Arthur F. Gelb: Jesse Licuanan: Chris M. Shinar:

Noe Zamel ASTHMA, ALLERGY, AND AIRWAY HYPERRE-SPONSIVENESS ARE NOT LINKED TO THE

SPONSIVENESS ARE NOT LINKED TO THE B₂-ADRENOCEPTOR GENE Charles W. Emala; Christopher K. McQuitty; Scott M. Eleff; Patricia Hopkins-Price; Carl Lawyer; Josephine Hoh; Jurg Ott; Michael A. Levine; Carol A. Hirshman

REDUCTION OF EOSINOPHILIC INFLAMMA-TION IN THE AIRWAYS OF PATIENTS WITH ASTHMA USING MONTELUKAST

Kenji Minoguchi; Yasurou Kohno; Hideko Mi-noguchi; Norio Kihara; Yasuyuki Sano; Hajime Yasuhara: Mitsuru Adachi

rasunara; mitsuru Adachi 4-YEAR FOLLOW-UP OF TREATMENT WITH DENTAL APPLIANCE OR UVULOPALATOPHA-RYNGOPLASTY IN PATIENTS WITH OB-STRUCTIVE SLEEP APNEA: A RANDOMIZED STUDY Marie-Louise Walker-Engström; Åke Tegelberg;

Bo Wilhelmsson; Ivar Ringqvist
PROSPECTIVE TESTING OF TWO MODELS BASED ON CLINICAL AND OXIMETRIC VARI-ABLES FOR PREDICTION OF OBSTRUCTIVE SLEEP APNEA

Nicolas Roche; Bertrand Herer; Catherine Roig;

HOME UNATTENDED VS HOSPITAL TELEM-ONITORED POLYSOMNOGRAPHY IN SUS-PECTED OBSTRUCTIVE SLEEP APNEA SYN-DROME: A RANDOMIZED CROSSOVER TRIAL Frédéric Gagnadoux; Nathalie Pelletier-Fleury; Carole Philippe; Dominique Rakotonanahary;

Bernard Fleury
SLEEP STRUCTURE CORRELATES OF CON-TINUOUS POSITIVE AIRWAY PRESSURE VARIATIONS DURING APPLICATION OF AN AUTOTITRATING CONTINUOUS POSITIVE AIRWAY PRESSURE MACHINE IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA SYN-

DHOME
Oreste Marrone; Giuseppe Insalaco; Maria Rosaria Bonsignore; Salvatore Romano; Adriana Salvaggio; Giovanni Bonsignore
PULLMONARY BLASTOMYCOSIS: AN AP-PRAISAL OF DIAGNOSTIC TECHNIQUES

Marek A. Martynowicz; Udaya B. S. Prakash

ADEQUATELY WASHED BRONCHOSCOPE DOES NOT INDUCE FALSE-POSITIVE AMPLI-FICATION TESTS ON BRONCHIAL ASPIRATES IN THE DIAGNOSIS OF PULMONARY TUBER-CULOSIS

Tae Sun Shim; Hyun Sook Chi; Sang Do Lee; Younsuck Koh; Woo Sung Kim; Dong Soon Kim; Won Dona Kim

SEROLOGIC IGE IMMUNE RESPONSES AGAINST ASPERGILLUS FUMIGATUS AND CANDIDA ALBICANS IN PATIENTS WITH CYS-TIC FIBROSIS Luis Máiz; Manuela Cuevas; Santiago Quirce; José F. Cañón; Adalberto Pacheco; Aurora Sousa; Héctor Escobar

BRONCHIAL ARTERY EMBOLIZATION: EXPE-RIENCE WITH 54 PATIENTS Karen L. Swanson: C. Michael Johnson: Udava

B. S. Prakash; Michael A. McKusick; James C. Andrews; Anthony W. Stanson

BRONCHIAL ARTERY EMBOLIZATION FOR THE MANAGEMENT OF NONMASSIVE HE-MOPTYSIS IN CYSTIC FIBROSIS Mariano Antonelli; Fabio Midulla; Giancarlo Tan-credi; Filippo Maria Salvatori; Enea Bonci;

Giuseppe Cimino; Isac Flaishman ESTIMATED INCIDENCE OF ACUTE PULMO-NARY EMBOLISM IN A COMMUNITY/TEACH-ING GENERAL HOSPITAL ING GENERAL HOSPITAL Paul D. Stein; Kalpesh C. Patel; Neeraj K. Kalra; Mircea Petrina; Prathyusha Savarapu; James W. Furlong, Jr.; Robert D. Steele, Jr.; Frank E.

TREATMENT OF RIGHT HEART THROMBO-**EMBOLI**

Check

Peter S. Rose; Naresh M. Punjabi; David B. Pearse DIAGNOSTIC VALUE OF INTERLEUKIN-1a, IN-

TERLEUKIN-6, AND TUMOR NECROSIS FAC-TOR IN PLEURAL EFFUSIONS Nektaria Xirouchaki; Nikolaos Tzanakis; Demos-thenes Bouros; Despina Kyriakou; Nikolaos Karkavitsas; Michalis Alexandrakis; Nikolaos M. Siafakas

PHASE II STUDY OF REPEATED INTRAPLEU-RAL CHEMOTHERAPY USING IMPLANTABLE

ACCESS SYSTEM FOR MANAGEMENT OF MALIGNANT PLEURAL EFFUSION Yanagihara; Kenji Inui; Hiromi Wada CLINICAL SIGNIFICANCE OF PLEURAL EFFU-

SION IN ACUTE AORTIC DISSECTION Noritake Hata; Keiji Tanaka; Takahiro Imaizumi; Toshihiko Ohara; Takayoshi Ohba; Takurou Shinada: Teruo Takano

SUCTION VS WATER SEAL AFTER PULMO-NARY RESECTION: A RANDOMIZED PRO-SPECTIVE STUDY

M. Blair Marshall; Maher E. Deeb; Joshua I. S. Bleier; John C. Kucharczuk; Joseph S. Friedberg; Larry R. Kaiser; Joseph B. Shrager SHORT-TERM COURSE AND OUTCOME OF

TREATMENTS OF PLEURAL EMPYEMA IN PE DIATRIC PATIENTS: REPEATED ULTRA-SOUND-GUIDED NEEDLE THORACOCENTE-SIS VS CHEST TUBE DRAINAGE David Shoseyov; Haim Bibi; Gila Shatzberg;

Aaron Klar; Jacob Akerman; Hagit Hurvitz; Channa Maayan

THE RELATIONSHIP BETWEEN LEFT VEN-TRICULAR FUNCTION ASSESSED BY MULTI-GATED RADIONUCLIDE TEST AND CARDIO-PULMONARY EXERCISE TEST IN PATIENTS WITH ISCHEMIC HEART DISEASE

Eliezer Klainman; Gershon Fink; Joseph Leb-zelter; Tali Krelbaumm; Mordechai R. Kramer ASSOCIATION BETWEEN INHALED β-AGO-NISTS AND THE RISK OF UNSTABLE ANGINA AND MYOCARDIAL INFARCTION

David H. Au; J. Randall Curtis; Nathan R. Every; Mary B. McDonell; Stephan D. Fihn

PARATHYROID HORMONE-RELATED PRO-TEIN IN EPITHELIAL LINING FLUID IN HU-MANS NEGATIVELY CORRELATES WITH THE SEVERITY OF LUNG INJURY Jean-Baptiste Stern; Oana Bernard; Catherine

Paugam; Caroline Silv Aubier; Bruno Crestani Caroline Silve; Jean Mantz; Michel

A RANDOMIZED CLINICAL TRIAL OF INTER-MITTENT SUBGLOTTIC SECRETION DRAIN-AGE IN PATIENTS RECEIVING MECHANICAL VENTILATION

Kees Smulders; Hans van der Hoeven; Ineke Weers-Pothoff; Christina Vandenbroucke-Grauls

- SILVER-COATED ENDOTRACHEAL TUBES ASSOCIATED WITH REDUCED BACTERIAL BURDEN IN THE LUNGS OF MECHANICALLY VENTILATED DOGS Merle E. Olson; Barry G. Harmon; Marin H. Kollet
- 871 ACCURACY OF THREE ELECTRONIC MONI-TORS FOR METERED-DOSE INHALERS Steven M. Julius; James M. Sherman; Leslie
- 877 MAJOR PULMONARY EMBOLISM: REVIEW OF A PATHOPHYSIOLOGIC APPROACH TO THE GOLDEN HOUR OF HEMODYNAMICALLY SIG-NIFICANT PULMONARY EMBOLISM
- Kenneth E. Wood INTERACTION OF HEMOSTATIC GENETICS
 WITH HORMONE THERAPY: NEW INSIGHTS TO EXPLAIN ARTERIAL THROMBOSIS IN POSTMENOPAUSAL WOMEN Joel B. Braunstein; Dawn Warner Kershner; Paul

Bray, Cary Gerstenblith, Steven P. Schulman, Wendy S. Post, Roger S. Blumenthal CORTICOSTEROIDS AND CARDIOPULMO-NARY BYPASS: A REVIEW OF CLINICAL IN-VESTIGATIONS

Mark A. Chaney TREATING TOBACCO USE AND DEPENDENCE: AN EVIDENCE-BASED CLINICAL PRACTICE GUIDELINE FOR TOBACCO CES-SATION

Jane E. Anderson; Douglas E. Jorenby; Walter J. Scott; Michael C. Fiore

USING THE CHEST RADIOGRAPH TO DETER-MINE INTRAVASCULAR VOLUME STATUS THE ROLE OF VASCULAR PEDICLE WIDTH

E. Wesley Ely; Edward F. Haponik
COMPARISON OF THE POSTOPERATIVE
BLOOD FLOW WAVEFORMS OF THE BYPASSING GRAFTS IN PATIENTS FOLLOWING MINIMALLY INVASIVE DIRECT CORONARY ARTERY BYPASS Tsung-Po Tsai; Kwo-Cheng Ueng; Jung-Min Yu; Yu-Chuan Chang; Yi-Liang Wu

957 DO SPECIALISTS DIFFER ON DO-NOT-RE-

SUSCITATE DECISIONS?

William F. Kelly; Am H. Eliasson; Derek J. Stock-

rer, Oleh W. Hnatiuk RENOVASCULAR HYPERTENSION: PROB-LEMS IN EVALUATION AND MANAGEMENT Robert A. Kloner; Stephen C. Textor; Morton E.

FATAL WORK-RELATED INHALATION OF HARMFUL SUBSTANCES IN THE UNITED STATES Francesca Valent; Gerald McGwin, Jr.; Massimo

Bovenzi; Fabio Barbone AN OUTBREAK OF BRONCHOSCOPY-RE-LATED MYCOBACTERIUM TUBERCULOSIS INFECTIONS DUE TO LACK OF BRONCHO-SCOPE LEAK TESTING

Alan H. Ramsey; Tanya V. Oemig; Jeffrey P. Davis; Jeffrey P. Massey; Thomas J. Török A 62-YEAR-OLD MAN WITH MULTIPLE PUL-MONARY NODULAR OPACITIES

Ahmed Masood: Eric S. Bensadoun INTRAOPERATIVE DETECTION OF A BRON-CHIAL CARCINOID WITH A RADIOLABELED SOMATOSTATIN ANALOG Jaime A. Rodriguez; Michael O. Meyers; Tomas

MANAGEMENT OF AN INTRABRONCHIAL RUPTURE OF RIGHT MAIN PULMONARY AR-TERY: A CASE REPORT Christophe Pinet; Wojciech Palka; Dominique

Metras; Pascal Thomas; Bernard Méric; Jean-

François Dumon SEVERE UPPER AIRWAY OBSTRUCTION FROM CRICOARYTENOIDITIS AS THE SOLE PRESENTING MANIFESTATION OF A SYS-TEMIC LUPUS ERYTHEMATOSUS FLARE Anita Karim; Shahid Ahmed; Rina Siddiqui;

Galina S. Marder; Joseph Mattana CORONARY ARTERY AIR EMBOLISM COM-PLICATING A CT-GUIDED TRANSTHORACIC NEEDLE BIOPSY OF THE LUNG

Babak Mokhlesi; Imraan Ansaarie; Mazen Bader; Mona Tareen; James Boatman

USE OF URINE PREGNANCY TEST FOR RAPID DIAGNOSIS OF PRIMARY PULMONARY CHO-RIOCARCINOMA IN A MAN Jong-Rung Tsai; Inn-Wen Chong; Jen-Yu Hung; Kun-Bow Tsai

TRACHEAL COMPRESSION BY THE STOM-ACH FOLLOWING GASTRIC PULL-UP: DIAG-NOSIS WITH CT AND TREATMENT WITH EX-PANDABLE METALLIC STENT PLACEMENT Suil Kim; Michael B. Gotway; W. Richard Webb; Roy L. Gordon; Jeffrey A. Golden 1002 WHAT IS A SPONTANEOUS PNEUMOTHO-

RAX? Dorit Weissberg; Dov Weissberg Response-Manuel Ruiz-Bailén; José Ángel Ramos-Cuadra; Maria del Carmen Serrano-Córcoles

1002 MIASMA: ASTHMA EXACERBATION REDUC-TION WITH SALMETEROL Stephen Shrewsbury; Stephen Pyke Response—Malcolm R. Sears

1004 SARCOIDOSIS AND GAS EXCHANGE MEA-James E. Hansen Response-Ann E. Medinger; Samir Khouri;

Prashant K. Rohatgi 1005 DIAGNOSIS OF PLEURAL TUBERCULOSIS David Jiménez; Gema Díaz; Esteban Pérez-

Rodriguez Response—Sunil Arora 1006 LATENT TRAUMATIC DIAPHRAGMATIC HER-NIA: A SURGICAL CHALLENGE Lajos Kotsis; Attila Csekeő; Károly Orbán

Response - Matthias H. Seelig 1006 INTERPRETATION OF HOME OXIMETRY TRACINGS Frédérick Sériès

Response-Nikolaus Netzer; Arn Eliasson 1007 CHANGES IN OXYGEN SATURATION IN PA-TIENTS UNDERGOING FIBEROPTIC BRON-CHOSCOPY Pınar Yıldız; Akif Özgül; Veysel Yılmaz Response-Andrew M. Jones; B. Ronan

O'Driscoll 1008 REVISITING THORACENTESIS PROCEDURES

William G. Petersen 1009 ERRATA

1010 BEDSIDE CRITICAL CARE MANUAL

Crain A Jense 1010 THE ENCYCLOPEDIA OF SLEEP AND SLEEP DISORDERS Lee K. Brown

NUMBER 3, MARCH, 2002 SUPPLEMENT

INTRODUCTION

David M. Rodman; Mark W. Geraci GENETIC EPIDEMIOLOGY OF COPD

Edwin K. Silverman
OLIGONUCLEOTIDE MICROARRAY ANALYSIS 6 OF LUNG ADENOCARCINOMA IN SMOKERS AND NONSMOKERS IDENTIFIES GPC3 AS A POTENTIAL LUNG TUMOR SUPPRESSOR Charles A. Powell; Guoliang Xu; Jorge Filmus; Steven Busch; Jerome S. Brody; Paul B. Rothman

DIFFERENTIAL GENE EXPRESSION SFRP-1 AND APOPTOSIS IN PULMONARY **EMPHYSEMA**

Kazushi Imai; Jeanine D'Armiento

ASTHMA GENETICS William Osmond Charles Cookson

GENETIC ANALYSIS OF ANTIGEN-INDUCED AIRWAY MANIFESTATIONS OF ASTHMA US-RECOMBINANT CONGENIC MOUSE STRAINS

Antoon J.M. Van Oosterhout; Prescilla V. Jeurink; Peter C. Groot; Gerard A. Hofman; Frans P. Nijkamp; Peter Demant

SARCOIDOSIS: ASSOCIATION WITH HUMAN LEUKOCYTE ANTIGEN CLASS II AMINO ACID

EPITOPES AND INTERACTION WITH ENVI-RONMENTAL EXPOSURES Milton Rossman; Bruce Thompson; Margaret Frederick; Boyani Cizman; Eleni Magira; Dimitri

THE GENETIC PREDISPOSITION TO INTER-STITIAL LUNG DISEASE: FUNCTIONAL RELE-

R. M. du Bois

MUTATIONS IN THE SURFACTANT PROTEIN C GENE ASSOCIATED WITH INTERSTITIAL LUNG DISEASE Lawrence M. Nogee; Alston E. Dunbar III; Susan

Wert; Frederic Askin; Aaron Hamvas; Jeffrey A. MAPPING SUSCEPTIBILITY GENES FOR THE INDUCTION OF PULMONARY FIBROSIS IN

Richard K. Barth; LeRoy A. Hanchett; Clare M.

Baecher-Allan DBECTIFF-AURITUSES OF EXPRESSION MICROARRAYS IN STUDIES OF PULMONARY FIBROSIS, ASTHMA, ACUTE LUNG INJURY, AND EMPHYSEMA: ROGER S. MITCHELL LECTURE

ALLELIC IMBALANCE DEMONSTRATED BY MICROSATELLITE ANALYSIS OF LUNG SAM-PLES FROM PATIENTS WITH FAMILIAL PUL-MONARY FIBROSIS

Alan Q. Thomas; Jennifer Carneal; Cheryl Mar-kin; Kirk B. Lane; John A. Phillips III; James E.

OVEREXPRESSION OF MATRIX METALLO-PROTEINASE-7 IN PULMONARY FIBROSIS Gregory P. Cosgrove; Marvin I. Schwarz; Mark W. Geraci; Kevin K. Brown; G. Scott Worthen

DENTIFICATION OF DIFFERENTIALLY EX-PRESSED GENES IN A MONKEY MODEL OF ALLERGIC ASTHMA BY MICROARRAY TECH-NOLOGY

NOLOGY Jun Zou; Simon Young; Feng Zhu; Lu Xia; Susan Skeans; Yuntao Wan; Luquan Wang; Terri Mc-Clanahan; Ferdous Gheyas; Din Wei; Charles Garlisi; James Jakway; Shelby Umland EPIDEMIOLOGIC STUDY OF THE GENETICS AND ENVIRONMENT OF ASTHMA, BRON-

HYPERRESPONSIVENESS, CHIAL ATOPY Kauffmann: Marie-Hélène Francine Dizier: Marie-Pierre Oryszczyn; Nicole Le Moual; Valérie Siroux; Isabella Annesi-Maesano; Jean Bousquet; Denis Charpin; Josué Feingold; Frédéric

Gormand; Alain Grimfeld; Joelle Hochez; Mark Lathrop; Régis Matran; Françoise Neukirch; Evelyne Paty; Isabelle Pin; Florence Demenais MOLECULAR AND PHYSIOLOGIC EVIDENCE FOR 5'CPG ISLAND METHYLATION OF THE ENDOTHELIN B RECEPTOR GENE IN LUNG CANCER

Andrea J. Cohen; Steven Belinsky; Wilbur Franklin; Scott Beard PROTEOMIC ANALYSIS OF MOUSE LUNG

NEOPLASIA Katherine Peebles; Kim Fung; Al Malkinson; PARTIAL PNEUMONECTOMY ENHANCES MELANOMA METASTASIS TO MOUSE LUNGS Lynn M. Brown; Danny R. Welch; D. Eugene

Rannels: Stephen R. Rannels

MICROARRAY IDENTIFIES CYCLO-OXYGEN-ASE-2-DEPENDENT MODULATION OF INSU-LIN-LIKE GROWTH FACTOR BINDING PRO-TEIN-3 IN NON-SMALL CELL LUNG CANCER CELLS Mehis Põld; M. Dohadwala; J. Luo; Y. Lin; S.

Dubinett

FAMILIAL PULMONARY FIBROSIS IN THE LINITED STATES

Momen M. Wahidi; Marcy C. Speer; Mark P Steele; Kevin K. Brown; Marvin I. Schwarz; David A. Schwartz

INTEGRIN-MEDIATED REGULATION OF CON-NEXIN 43 EXPRESSION BY ALVEOLAR EPI-30 THELIAL CELLS Yihe Guo; Cara Martinez-Williams; D. Eugene

IDENTIFYING FIBROSIS SUSCEPTIBILITY GENES IN TWO STRAINS OF INBRED MICE Arnold R. Brody; G. Sakuntala Warshamana; Jing-Yao Liu; Shang-Yi Tsai; Derek A. Pociask; David M. Brass; David Schwartz

USE OF OLIGONUCLEOTIDE MICROARRAYS TO ANALYZE GENE EXPRESSION PATTERNS IN PULMONARY FIRROSIS REVEALS DIS TINCT PATTERNS OF GENE EXPRESSION IN MICE AND HUMANS Naftali Kaminski; Fengrong Zuo; Gady Cojocaro; Zohar Yakhini; Amir Ben-Dor; David Morris; Dean Sheppard; Annie Pardo; Moises Selman; Renu A. Heller

INDUCTION OF CYCLO-OXYGENASE-2 IN NON-SMALL CELL LUNG CANCER CELLS BY ADENOVIRUS VECTOR INFECTION

Edward A. Hirschowitz; Giovanna E. Hidalgo:

Dennis E. Doherty
TOWARDS AN EFFECTIVE GENE THERAPY
FOR IDIOPATHIC PULMONARY FIBROSIS: ANTI-INFLAMMATION, ANTIFIBROSIS, AND REGENERATION Masahito Ebina; M. Shimizukawa; K. Narumi; M.

Miki; D. Koinuma; M. Watanabe; H. Munakata; T. ACUTE LUNG INJURY DOES NOT IMPAIR AD-ENOVIRAL-MEDIATED GENE TRANSFER TO

THE ALVEOLAR EPITHELIUM

Vidas Dumasius; Michael Mendez; Gökhan M. Mutlu; Phillip Factor

MULUI, FININD FACTOR
ADENOVIRALLY MEDIATED EXPRESSION OF
UROKINASE RECEPTOR BINDING SITE ON
INTEGRIN A-CHAIN BLOCKS ADHESION AND
MIGRATION OF HUMAN LUNG FIBROBLASTS Sha Zhu; Candece L. Gladson; Jerry Stewart; Kimberly E. White; Harold A. Chapman, Jr.; Mitchell A. Olman

ENHANCEMENT OF ADENOVIRUS-MEDIATED GENE TRANSFER IN LUNGS AND EPITHELIAL

CELLS BY EGTA

Carpantato Myles; Eric Sorscher; Sadis Matalon CULTURING ALVEOLAR TYPE I, ALVEOLAR TYPE II, AND MIXED CELL POPULATIONS BY ALTERING THE EXTRACELLULAR MATRIX PROMOTES CHANGES IN INTERCELLULAR SIGNALING MECHANISMS Scott Boitano; Brant E. Isakson; Richard L.

Lubman 36 PSEUDOMONAS-EPITHELIAL CELL INTERAC-

PSEUDOMONAS-EMITHELIAL CELL INITERACTIONS DISSECTED WITH DNA MICROARRAYS Stephen Lory; Jeffrey K. Ichikawa PSEUDOMONAS AERUGINOSA-HUMAN AIRAY EPITHELIAL CELL INTERACTION: EFFECTS OF IRON ON INFLAMMATION AND AP-**OPTOSIS**

Milene Saavedra: Michael Vasil: Scott Randell: James West; David Rodman

APPLICATION OF EXPRESSION PROFILING TO THE DEVELOPING LUNG: IDENTIFICATION OF PUTATIVE REGULATORY NETWORKS CONTROLLING MATRIX PRODUCTION: CONTROLLING THOMAS A. NEFF LECTURE Thomas J. Mariani; Steven D. Shapiro

TRANSCRIPTIONAL PROFILING OF NON-SMALL CELL LUNG CANCER USING OLIGO-NUCLEOTIDE MICROARRAYS Gady Cojocaru; Nir Friedman; Meir Krupsky; Penina Yaron; David Simansky; Alon Yellin; Gideon Rechavi; Yossef Barash; Amir Ben-Dor; Zohar Yakhini; Naftali Kaminski

ENHANCEMENT OF ALVEOLAR EPITHELIAL

 β_2 -ADRENERGIC RECEPTOR FUNCTION VIA GENE TRANSFER

Phillip Factor, Zaher A. Azzam; Gökhan M. Mutlu; Jacob I. Sznajder; Vidas Dumasius GENETICS AND GENE EXPRESSION IN PUL-MONARY HYPERTENSION: PARKER B. FRAN-

CIS LECTURE

James E. Loyd BONE MORPHOGENETIC PROTEIN RECEP-TOR 2 MUTATIONS IN PULMONARY HYPER-TENSION

Jane H. Morse LINKAGE ANALYSIS IN A LARGE FAMILY WITH PRIMARY PULMONARY HYPERTEN-SION: GENETIC HETEROGENEITY AND A SECOND PRIMARY PULMONARY HYPERTEN-SECUND PHIMART FULBILITIES SION LOCUS ON 2031–32 SION LOCUS ON 2031–32 Bart Janssen; Matthias Findermann; Uirike Barth; Gabriel Miltenberger-Miltenyi; Derliz Mereles; Adel Abushi; Werner Seeger, Wolfgang

Kübler; Claus R. Bartram; Ekkehard Grünig GENETICS AND GENE EXPRESSION IN LYM-PHANGIOLEIOMYOMATOSIS: GILES F. FILLEY LECTURE

Gustavo Pacheco-Rodriguez; Arnold S. Kristof; Linda A. Stevens; Yi Zhang; Denise Crooks; Joel

Moss

PULMONARY CYSTS CONSISTENT WITH LYMPHANGIOLEIOMYOMATOSIS ARE COM-MON IN WOMEN WITH TUBEROUS SCLERO-SIS: GENETIC AND RADIOGRAPHIC ANALY-

Francis McCormack; Alan Brody; Christopher Meyer; Jennifer Leonard; Gail Chuck; Sandra

weyer, Jenniner Leonard; Gail Chuck; Sandra Dabora; Gopalan Sethuraman; Thomas V. Colby; David J. Kwiatkowski; David N. Franz MICROSATELLITE MUTATIONAL ANALYSIS OF ENDOTHELIAL CELLS WITHIN PLEXIFORM LESIONS FROM PATIENTS WITH FAMILIAL, PEDIATRIC. AND SPORADIC PULMONARY HYPERTENSION Michael E. Yeager; Heiko A. Golpon; Norbert F. Voelkel; Rubin M. Tuder

THE GENETICS OF INNATE IMMUNITY

David A. Schwartz GENETIC POLYMORPHISMS ASSOCIATED WITH SUSCEPTIBILITY AND OUTCOME IN ARDS

Richard Marshall: S. Webb: M. Hill: S.

Humphries; G. Laurent

MICROARRAY ANALYSIS INDICATES THAT MICHOARNAY EDEMA FLUID FROM PATIENTS
WITH ACUTE LUNG INJURY MEDIATES
INFLAMMATION, MITOGEN GENE EXPRESSION, AND FIBROBLAST PROLIFERATION THROUGH BIOACTIVE INTERLEUKIN-1 Mitchell A. Olman; Kimberly E. White; Lorraine B. Ware; Michael T. Cross: Sha Zhu; Michael A.

ACUTE LUNG INJURY: FUNCTIONAL GENOM-ICS AND GENETIC SUSCEPTIBILITY
George D. Leikauf; Susan A. McDowell; Scott C. William D. Hardie;

Leikauf; Thomas R. Korfhagen; Daniel R. Prows LIPOPOLYSACCHARIDE STIMULATION OF THE HUMAN NEUTROPHIL: AN ANALYSIS OF CHANGES IN GENE TRANSCRIPTION AND PROTEIN EXPRESSION BY OLIGONUCLEO-TIDE MICROARRAYS AND PROTEOMICS Michael B. Fessler; Kenneth C. Malcolm; Mark William Duncan; G. Scott Worthen

LIPOPOLYSACCHARIDE-INDUCED NEUTRO-PHIL GENE EXPRESSION UNDER IN VIVO OR IN VITRO CONDITIONS

John Arcaroli; John Kupfner; Ho-Kee Yum; Robert Shenkar; Jong Sung Park; Edward Abraham ROLE OF KERATINOCYTE GROWTH FACTOR IN REGULATING LIPOGENESIS IN ALVEOLAR TYPE II CELLS: A GENE-PROFILING AP-PROACH

Robert J. Mason; Bifeng Gao; Tianli Pan; Xiao-

qiao Jiang; Michael Eckart; Steven Neben IDENTIFICATION OF NOVEL TARGET PRO-TEINS IN TH2-DOMINATED ALLERGIC IN-FLAMMATORY RESPONSES USING COMPLE-MENTARY DNA REPRESENTATIONAL DIFFERENCE ANALYSIS AND COMPLEMEN-TARY DNA MICROARRAYS

Peter C. Groot; B. Jerden Van Bergenhenegou-wen; Frans P. Nijkamp; Antoon J. M. Van Oosterhout

UP-REGULATION OF ANGIOGENIC FACTOR EXPRESSION IN HYPOXIA-TREATED MOUSE LUNG DEMONSTRATED BY DNA ARRAY TECHNIQUE

Dechun Li; Xingwu Teng; Roger A. Johns

SUBTRACTIVE HYBRIDIZATION ANALYSIS OF PNEUMOCYSTIS CARINII GENE ACTIVATION INDUCED BY INTERACTION WITH LUNG EPI-THELIAL CELLS AND MATRIX Theodore J. Kottom; Andrew H. Limper

SECRETION-COMPETENT MOUSE TRA-CHEAL EPITHELIAL CELL CULTURE FROM THE GENETICALLY ALTERED MOUSE: PATH-WAY ANALYSIS VIA GENE ARRAY Linda D. Martin; Kenneth B. Adler; Nancy J.

Akley; Anne Crews; Lioudmila Sharova GENE EXPRESSION IN AN IN VITRO MODEL

GENE EXPRESSION IN AN IN VITHO MODEL OF EPITHELIAL REPAIR

John Spurzem; Ji Zhang, Xiang-der Liu;
Stephan I. Rennard; Debra V. Romberger

USE OF SPOTTED OLIGONUCLEOTIDE ARRAYS FOR LARGE-SCALE ANALYSIS OF

MAMMALIAN GENE EXPRESSION

David J. Erle; Laura Koth; Oren Abramson; Madeleine W. Rodriguez; Andrea Barczak MICROARRAY ANALYSIS OF GENE EXPRES-

SION IN THE EMBRYONIC LUNG SUI LIN; John M. Shannon GENETIC AND ENVIRONMENTAL RISK FAC-TORS IN BERYLLIUM SENSITIZATION AND CHRONIC BERYLLIUM DISEASE

Lisa Maier, John Martyny; Margaret Mroz; Diedre McGrath; Penny Lympany; Roland duBois; Lenning Zhang; James Murphy; Lee S. Newman PRIMARY PULMONARY HYPERTENSION IS PREDOMINANTLY A HEREDITARY DISEASE E. Grünig; D. Mereles; K. Arnold; A. Benz; Horst

E. Grung, D. Mereles, K. Arrold, A. Bertz, Florst Olschewski; G. Miltenberger-Miltenyi; M. M. Borst; A. Abushi; W. Seeger; J. Winkler; M. M. Höper; C. R. Bartram; W. Kübler; B. Janssen QUANTITATIVE TRAIT LOCI THAT REGULATE SUSCEPTIBILITY TO BOTH BUTYLATED HYDROXYTOLUENE-INDUCED PULMONARY INFLAMMATION AND LUNG TUMOR PROMO-TION IN CXB RECOMBINANT INBRED MICE

Al Malkinson; Richard Radcliffe; Alison Bauer; Lori Dwyer-Nield; Steven Kleeberger HYPOXIA UP-REGULATES MOUSE VASCU-LAR ENDOTHELIAL GROWTH FACTOR D PROMOTER ACTIVITY IN RAT PULMONARY MICROVASCULAR SMOOTH-MUSCLE CELLS

Xingwu Teng; Dechuan Li; Roger A. Johns
SPECIFIC BONE MORPHOGENIC PROTEIN
RECEPTOR II MUTATIONS FOUND IN PRI-MARY PULMONARY HYPERTENSION CAUSE DIFFERENT BIOCHEMICAL PHENOTYPES IN

Alan Q. Thomas; Jennifer Carneal; Cheryl Mar-kin; Kirk B. Lane; John A. Phillips III; James E.

Loyd; Radhika Gaddipati
PULMONARY GENE EXPRESSION PROFILES
OF SPONTANEOUSLY HYPERTENSIVE RATS EXPOSED TO ENVIRONMENTAL TOBACCO

Srikanth S. Nadadur; Kent E. Pinkerton; Urmila INTERLEUKIN-18 EXPRESSION IN CYSTIC FI-

BROSIS LUNGS

Edward D. Chan; Hyung-Seok Choi; Carlyne Cool; Frank J. Accurso; Giamila Fantuzzi INTRACELLULAR ADHESION MOLECULE GLY241ARG POLYMORPHISM HAS NO IM-PACT ON ARDS OR SEPTIC SHOCK IN COM-MUNITY-ACQUIRED PNEUMONIA Michael W. Quasney; Grant W. Waterer; Mary K. Dahmer; Dawn Turner; Qing Zhang; Rita M. Cantor; Richard G. Wunderink IMPACT OF CYTOKINE GENE POLYMOR-

PHISMS ON OUTCOMES OF CORONARY AR-TERY BYPASS GRAFT SURGERY Sachin Yende; Michael Quasney; Q. Zhang; Kristi Frederick; Lori Kessler; Richard G.

Wunderink TUMOR NECROSIS FACTOR GENE POLY-MORPHISMS AND THE VARIABLE PRESENTA-TION AND OUTCOME OF COMMUNITY-AC-QUIRED PNEUMONIA Richard G. Wunderink; Grant W. Waterer; Rita M. Cantor; Michael W. Quasney

HIGH AND LOW INFLAMMATORY RESPONSE PHENOTYPES IN 101 NORMAL HUMAN SUB-**JECTS**

William Y. Park; C. W. Frevert; V. A. Wong; T. R. Martin

ROLES OF INTERLEUKIN-13 AND INTERFER-ON-y IN LUNG INFLAMMATION Gabriele Grünig; Jean G. Ford; Debra D. Donaldson; Rajeev Venkayya; Cliff McArthur; Elisabeth Hansell; Viswanath A. Kurup; Martha Warnock: Donna Rennick

SEARCH FOR LINKAGE TO ATOPIC ASTHMA IN CANDIDATE REGIONS IN A DAN-ISH POPULATION

Charlotte Brasch Andersen; Dorte Larsen; An-nette Haagerup; Joergen Vestbo; Torben A.

IMPAIRED CLEARANCE OF APOPTOTIC CELLS FROM CYSTIC FIBROSIS AIRWAYS R. William Vandivier, Valerie A. Fadok; Carol Anne Ogden; Peter R. Hoffmann; Joseph D. Brain; Frank J. Accurso; James H. Fisher; Kelly E. Greene; Peter M. Henson

REGULATION OF VASCULAR SMOOTH MUS-CLE CELL GROWTH AND ADHESION BY PAIRED-RELATED HOMEOBOX GENES Frederick S. Jones; David M. McKean; Robyn Meech; David B. Edelman; Rebecca J. Oakey;

Peter Lloyd Jones
APPLICATION OF EXPRESSION MICROAR-RAYS TO THE INVESTIGATION OF FETAL LUNG DEVELOPMENT IN A GLUCOCORTI-COID RECEPTOR KNOCKOUT MOUSE MODEL

NODEL Feige Kaplan; Tara MacRae; Julie Comber; Stephane Gagnon; Robert Sladek; Thomas J. Hudson; Neil B. Sweezey

GENE THERAPY OF MUCUS HYPERSECRE-TION IN EXPERIMENTAL ASTHMA Christopher Evans; Farrah Kheradmand; David

Corry; Michael Tuvim; Charles Densmore; Clif-ford Waldrep; Vernon Knight; Burton Dickey MODE OF ACTION OF RNA/DNA OLIGONU-CLEOTIDES: PROGRESS IN THE DEVELOP-MENT OF GENE REPAIR AS A THERAPY FOR α_1 -ANTITRYPSIN DEFICIENCY Richard Metz; Mike DiCola; Takao Kurihara;

Austin Bailey; Bruce Frank; Bryan Roecklein; Michael Blaese MUTATIONS IN DNAIL (IC78) CAUSE PRIMARY

CILIARY DYSKINESIA

Peadar G. Noone; Maimoona Zariwala; Aruna Sannuti; Susan Minnix; Margaret W. Leigh; Johnny Carson; Michael R. Knowles

HYPERPLASIA OF PULMONARY ARTERY SMOOTH MUSCLE CELLS IS CAUSALLY RE-LATED TO OVEREXPRESSION OF THE SERO-TONIN TRANSPORTER IN PRIMARY PULMO-NARY HYPERTENSION Saadia Eddahibi; Marc Humbert, Elie Fadel; Bernadette Raffestin; Michèle Darmon; Frédérique Capron; Gérald Simonneau; Philippe

Dartevelle; Michel Hamon; Serge Adnot RECOMBINANT ADENO-ASSOCIATED VIRUS GENE THERAPY FOR CYSTIC FIBROSIS AND α_1 -ANTITRYPSIN DEFICIENCY

Terence R. Flotte

CYCLOOXYGENASE-2 OVEREXPRESSION 102 USING AN INTEGRIN-TARGETED GENE DE-LIVERY SYSTEM (THE LID VECTOR), INHIBITS FIBROBLAST PROLIFERATION IN VITRO AND LEADS TO INCREASED PROSTAGLANDIN E2 IN THE LUNG IN THE LUNG Gisli Jenkins; Stephen L. Hart; Rebecca J. Hodges; Qin-Hai Meng; Christine Kinnon; Geoffrey J. Laurent; Robin J. McAnulty GENE EXPRESSION PROFILES IN PULMO-

NARY HYPERTENSION Mark W. Geraci; Yasushi Hoshikawa; Michael Yeager; Heiko Golpon; Tracy Gesell; Rubin M.

Tuder; Norbert F. Voelkel

PULMONARY GENETICS, GENOMICS, AND GENE THERAPY: CONFERENCE SUMMARY 105 Steven M. Albelda

NUMBER 4, APRIL, 2002

- 1013 WHAT CONSTITUTES EFFECTIVE MANAGEMENT OF PNEUMOTHORAX AFTER CT-GUIDED NEE-DLE BIOPSY OF THE LUNG? Linda B. Haramati: Galit Aviram
- 1015 THE WEB ALSO WHEEZES William F. Bria II
- 1016 ASSESSMENT OF PROGNOSIS IN IDIO-PATHIC DILATED CARDIOMYOPATHY Robert C. Bahler
- BALANCING SELF AND PATIENT IN THE PHY-SICIAN-PATIENT RELATIONSHIP Henry S. Perkins
- PREVENTION AND MANAGEMENT OF HY-POXEMIA DURING FIBEROPTIC BRONCHOS-COPY Paul A. Kvale

1022 SLEEPING WITH THE ENEMY: THE HEART IN OBSTRUCTIVE SLEEP APNEA Michael R. Pinsky

1024 ASTHMA AND GASTROESOPHAGEAL RE-FLUX: ANOTHER PIECE IN THE PUZZLE? Stephen K. Field

1028 TWO-YEAR RETROSPECTIVE ECONOMIC EVALUATION OF THREE DUAL-CONTROLLER THERAPIES USED IN THE TREATMENT OF

Richard D. O'Connor; John C. O'Donnell; Lionel A. Pinto; Douglas J. Wiener; Antonio P. Legor-

1036 A COMPARISON OF ALBUTEROL ADMINIS-TERED BY METERED-DOSE INHALER AND SPACER WITH ALBUTEROL BY NEBULIZER IN ADULTS PRESENTING TO AN URBAN EMER-GENCY DEPARTMENT WITH ACUTE ASTHMA Kenneth B. Newman; Scott Milne; Cathy Hamilton; Kent Hall

1042 RESPONSE OF LUNG VOLUMES TO INHALED SALBUTAMOL IN A LARGE POPULATION OF PATIENTS WITH SEVERE HYPERINFLATION Marcus F. Newton; Denis E. O'Donnell; Lutz

1051 A COMPARISON OF THE VALIDITY OF DIF-FERENT DIAGNOSTIC TESTS IN ADULTS Cameron J. Hunter; Christopher E. Brightling; Gerrit Woltmann; Andrew J. Wardlaw; Ian D.

Pavord COMPARISON OF THE EFFICACY, TOLERA-BILITY, AND SAFETY OF FORMOTEROL DRY POWDER AND ORAL, SLOW-RELEASE THE-OPHYLLINE IN THE TREATMENT OF COPD OFHYLLINE IN THE THEATMENT OF COPD Andrea Rossi; Peter Kristufek; Bernard E. Levine; Moira H. Thomson; Denise Till; John Kottakis; Giovanni Della Cioppa; for the Formoterol in Chronic Obstructive Pulmonary Disease (FICOPD) II Study Group

1070 MEGESTROL ACETATE STIMULATES WEIGHT GAIN AND VENTILATION IN UNDERWEIGHT COPD PATIENTS

COPD PATIENTS

Jeffrey Weisberg; Jack Wanger; Jeffery Olson; Barry Streit; Charles Fogarty; Thomas Martin; Richard Casaburi 1079 ISOKINETIC MUSCLE FUNCTION IN COPD

Charles Haccoun; Argyrios A. Smountas; Wil-liam J. Gibbons; Jean Bourbeau; Larry C. Lands 1085 AN EVALUATION OF TWO APPROACHES TO EXERCISE CONDITIONING IN PULMONARY REHABILITATION Edgar A. Normandin; Corliss McCusker; Mary-

Lou Connors; Frederick Vale; Daniel Gerardi; Richard L. ZuWallack

1092 POWER OF OUTCOME MEASUREMENTS TO DETECT CLINICALLY SIGNIFICANT CHANGES IN PULMONARY REHABILITATION OF TIENTS WITH COPD Juan Pablo de Torres; Victor Pinto-Plata; Ed-

ward Ingenito; Peter Bagley; Anthony Gray; Robert Berger; Bartolome Celli 1099 A COMPARISON OF THE PEAK EXERCISE RE-SPONSE MEASURED BY THE RAMP AND 1-MIN STEP CYCLE EXERCISE PROTOCOLS IN PATIENTS WITH EXERTIONAL DYSPNEA

Sue M. Revill; Katy E. Beck; Mike D. L. Morgan 1106 STAIR CLIMBING TEST PREDICTS CARDIO-PULMONARY COMPLICATIONS AFTER LUNG RESECTION Alessandro Brunelli; Majed Al Refai; Marco

Monteverde; Alessandro Borri; Michele Salati; Aroldo Fianchini

PROLONGED ENDURANCE CHALLENGE AT MODERATE ALTITUDE: EFFECT ON SERUM EOSINOPHIL CATIONIC PROTEIN, EOSINO-PHIL DYNAMICS, AND LUNG FUNCTION Wolfgang Domej; Günther Schwaberger; Gernot Peter Tilz; Zeno Földes-Papp; Ulrike Demel; Johanna Lang; Serge Petelin von Duvillard

EFFECTS OF AN INTENSIVE 4-WEEK SUM-MER CAMP ON CYSTIC FIBROSIS: PULMO-NARY FUNCTION, EXERCISE TOLERANCE,

Hannah Blau; Huda Mussaffi-Georgy; Gershon Fink; Chaim Kaye; Amir Szeinberg; Shimon A. Spitzer; Jacob Yahav

1123 EVALUATION OF A COUGH-SPECIFIC QUALI-TY-OF-LIFE QUESTIONNAIRE Cynthia T. French; Richard S. Irwin; Kenneth E. Fletcher; Todd M. Adams

1132 CHRONIC COUGH DUE TO GASTROESOPHA-GEAL REFLUX DISEASE: FAILURE TO RE-SOLVE DESPITE TOTAL/NEAR-TOTAL ELIMI-NATION OF ESOPHAGEAL ACID

Richard S. Irwin; John K. Zawacki; Mark M. Wilson; Cynthia T. French; Mark P. Callery

1141 EFFECTS OF HYPOCAPNIC HYPERVENTILATION ON THE RESPONSE TO HYPOXIA IN NORMAL SUBJECTS RECEIVING INTERMIT-TENT POSITIVE-PRESSURE VENTILATION Vincent Jounieaux; Veronica F. Parreira; Genev-ieve Aubert; Myriam Dury; Pierre Delguste; Daniel O. Rodenstein

NONINVASIVE POSITIVE-PRESSURE VENTI-LATION VS CONVENTIONAL OXYGEN SUP-PLEMENTATION IN HYPOXEMIC PATIENTS UNDERGOING DIAGNOSTIC BRONCHOS-

Massimo Antonelli; Giorgio Conti; Monica Rocco; Andrea Arcangeli; Franco Cavaliere;

Nocco, Antonea Arcangen, Franco Cavariere, Rodolfo Proietti, Gianfranco Umberto Meduri 1155 OBSERIVATION-ONLY MANAGEMENT OF EARLY STAGE, MEDICALLY INOPERABLE LUNG CANCER: POOR OUTCOME Ronald C. McGarry; Guobin Song; Paul des Rosiers; Robert Timmerman

1159 MANAGEMENT OF PNEUMOTHORAX AFTER PERCUTANEOUS CT-GUIDED LUNG BIOPSY Takuji Yamagami; Toshiyuki Nakamura; Shigeharu lida; Takeharu Kato; Tsunehiko Nishimura

1165 MEDIASTINAL TRANSTHORACIC NEEDLE AND CORE LYMPH NODE BIOPSY: SHOULD IT REPLACE MEDIASTINOSCOPY?

Joseph B. Zwischenberger; Clare Savage; Scott K. Alpard: Carryn M. Anderson; Santiago Mar-roquin; Brian W. Goodacre 1171 DIAGNOSIS OF INVASIVE PULMONARY AS-

PERGILLOSIS USING POLYMERASE CHAIN REACTION-BASED DETECTION OF AS-PERGILLUS IN BAL

Issam Raad; Hend Hanna; Armando Huaringa; David Sumoza; Ray Hachem; Maher Albitar 1177 ASSESSMENT OF LYMPH NODE TUBERCU-LOSIS IN NORTHERN GERMANY: A CLINICAL REVIEW

Henning Geldmacher; Christian Taube; Clemens Henning Geimacner; Annstan Tauber; Jernens Kroeger; Heigo Magnusser; Detlef K. Kirsten 1183 REGIONAL ISCHEMIC PRECONDITIONING ENHANCES MYOCARDIAL PERFORMANCE IN OFF-PUMP CORONARY ARTERY BYPASS

Jari Laurikka; Zhong-Kai Wu; Pekka lisalo; Liisa Kaukinen; Eva L. Honkonen; Seppo Kaukinen; Matti R Tarkka

1190 OFF-PUMP CORONARY REVASCULARIZA-TION ATTENUATES TRANSIENT RENAL DAM-AGE COMPARED WITH ON-PUMP CORO-NARY REVASCULARIZATION
Berthus G. Loef; Anne H. Eperna; Gerjan Navis;
Tjark Ebels; Wirn van Oeveren; Robbert H.

Henning
RELATIONSHIP BETWEEN INTERLEUKIN-6
PRODUCTION IN THE LUNGS AND PULMONARY VASCULAR RESISTANCE IN PATIENTS WITH CONGESTIVE HEART FAILURE Naoko Mabuchi; Takayoshi Tsutamoto; Atsuyuki Wada; Masato Ohnishi; Keiko Maeda; Masaru Havashi: Masahiko Kinoshita

AMIODARONE VS SOTALOL AS PROPHY-LAXIS AGAINST ATRIAL FIBRILLATION/FLUT-TER AFTER HEART SURGERY: A META-ANAL-

Richard L. Wurdeman; Aryan N. Mooss; Syed M.

Mohiuddin; Thomas L. Lenz HYPERLIPIDEMIA PREVENTS THE EXPECTED REDUCTION OF MYOCARDIAL ISCHEMIA ON REPEATED BALLOON INFLATIONS DURING ANGIOPLASTY

Zenon S. Kyriakides; Stavroula Psychari; Efsta-thios K. Iliodromitis; Theofilos M. Kolettis; Eftihia Sbarouni; Dimitrios T. Kremastinos

1216 PROGNOSTIC VALUE OF LOW-DOSE DOBUT-AMINE ECHOCARDIOGRAPHY IN PATIENTS WITH IDIOPATHIC DILATED CARDIOMYOPA-THY

Jarosļaw Drożdż; Maria Krzemińska-Pakuļa; Michal Plewka; Michal Ciesielczyk; Jarosļaw D. Kasprzak

1223 BRONCHIAL HYPERREACTIVITY IN PATIENTS WHO INHALE HEROIN MIXED WITH COCAINE VAPORIZED ON ALUMINUM FOIL

Ana Boto de los Bueis; Antonio Pereira Vega; José Luis Sánchez Ramos; José Antonio Mal-donado Pérez; Rut Ayerbe García; Domingo García Jiménez; Emilio Pujol de La Llave

EVIDENCE OF CHRONIC DAMAGE TO THE PULMONARY MICROCIRCULATION IN HABIT-UAL USERS OF ALKALOIDAL ("CRACK") CO- Gayle Cocita Baldwin: Ruth Choi: Michael D.

Gayle Cocita Baldwin; Hurr Choi; Michael D. Roth; Anglel H. Shay; Eric C. Kleerup; Michael S. Simmons: Donald P. Tashkin 1239 DELAYED CUTANEOUS HYPERSENSITIVITY TESTS AND LYMPHOPENIA AS ACTIVITY MARKERS IN SARCOIDOSIS

Ferran Morell; Gur Levy; Ramon Orriols; Jaume Ferrer; Javier De Gracia; Gabriel Sampol 1245 CHANGES IN BP INDUCED BY PASSIVE LEG RAISING PREDICT RESPONSE TO FLUID LOAD-ING IN CRITICALLY ILL PATIENTS
Thierry Boulain: Jean-Michel Achard; Jean-Louis Teboul; Christian Richard; Dominique Per-

rotin; Guy Ginies

1253 A MULTICENTER DESCRIPTION OF INTERMEDIATE-CARE PATIENTS: COMPARISON WITH ICU LOW-RISK MONITOR PATIENTS

Christopher Junker; Jack E. Zimmerman; Carlos Alzola; Elizabeth A. Draper; Douglas P. Wagner 1262 D-DIMER CORRELATES WITH PROINFLAM-MATORY CYTOKINE LEVELS AND COMES IN CRITICALLY ILL PATIENTS AND OUT-Andrew F. Shorr; Stephen J. Thomas; Stephan A. Alkins; Thomas M. Fitzpatrick; Geoffrey S.

1269 PULMONARY DYSFUNCTION AFTER CAR-DIAC SURGERY Calvin S.H. Ng; Song Wan; Anthony P.C. Yim; Ahmed A. Arifi

1278 ASSOCIATION OF MALIGNANCY WITH DIS-EASES CAUSING INTERSTITIAL PULMONARY

CHANGES Demosthenes Bouros; Kostas Hatzakis; Haris Labrakis; Kyriaki Zeibecoglou THE DESIGN OF RANDOMIZED CLINICAL TRI-1290

ALS IN CRITICALLY ILL PATIENTS Paul C. Hébert; Deborah J. Cook; George Wells;

1301 AN EVALUATION OF THE QUALITY AND CON-TENTS OF ASTHMA EDUCATION ON THE WORLD WIDE WEB Donita R. Croft; Michael W. Peterson

1308 THE INCREASE IN ALLERGIC RESPIRATORY DISEASES: SURVIVAL OF THE FITTEST?

Arthur E. Varner

EFFECT OF RESPIRATORY PROTECTIVE DE-

VICES ON DEVELOPMENT OF ANTIBODY AND OCCUPATIONAL ASTHMATO AN ACID ANHY-DRIDE Leslie C. Grammer; Kathleen E. Harris; Paul R.

Yamold OF SPECIFIC INHALATION CHALLENGE IN THE EVALUATION OF WORKERS AT RISK FOR OCCUPATIONAL ASTHMA: A SURVEY OF PULMONARY, ALLERGY, AND OCCUPA-TIONAL MEDICINE RESIDENCY TRAINING PROGRAMS IN THE UNITED STATES AND CANADA Hector G. Ortega; David N. Weissman; Deanna

L. Carter; Daniel Banks
1329 CARDIAC INFLAMMATION AND INNATE IM-MUNITY IN SEPTIC SHOCK: IS THERE A ROLE FOR TOLL-LIKE RECEPTORS?

Pascal Knuefermann; Shintaro Nemoto; Georg Baumgarten; Arunima Misra; Natarajan Sivasu-bramanian; Blasé A. Carabello; Jesus G. Vallejo 1337 ETHICAL ASSESSMENT OF INDUSTRY-SPON-

SORED CLINICAL TRIALS: A CASE ANALYSIS Franklin G. Miller; Andrew F. Shorr UNILATERAL AIR BRONCHOGRAM IN A PA-

TIENT WITH CYSTIC FIBROSIS Cynthia Huisman; Casper S. de Graaff; Wim G.

1345 A 39-YEAR-OLD MAN WITH HIP PAIN AND RESPIRATORY FAILURE Kelly E. Dooley; Saurabh R. Sinha; Edward Ha-ponik; Robin Conwit; Jonathan E. Sevransky

1350 MANAGEMENT OF ACUTE HYPOXEMIA DUR-ING FLEXIBLE BRONCHOSCOPY WITH IN-SERTION OF A NASOPHARYNGEAL TUBE IN LUNG TRANSPLANT RECIPIENTS Prashant N. Chhajed; Christina Aboyoun; Monique A. Malouf; Peter M. Hopkins; Marshall Plit; Ronald R. Grunstein; Allan R. Glanville

1355 SYNDROME OF IRON PILL ASPIRATION Pyng Lee; Daniel A. Culver; Carol Farver; Atul C. Mehta

1357 RETROPERITONEAL BRONCHOGENIC CYST: A CASE REPORT Akira Ingu; Atsushi Watanabe; Yasunori Ichimiya; Tatsuya Saito; Tomio Abe

MALIGNANT AMELOBLASTOMA METASTATIC TO THE LUNGS 29 YEARS AFTER PRIMARY RESECTION: A CASE REPORT Lawrence M. Ciment; Ari J. Ciment

1361 VENOUS DILATATION SEEN ON ROUTINE MAMMOGRAPHY: A CLUE TO SUPERIOR VENA CAVA OBSTRUCTION Padmanabhan Krishnan; Lalith Uragoda; Hemalatha Rao: Santi R. Dhar

1363 PAMIDRONATE RESULTS IN SYMPTOM CON-TROL OF HYPERTROPHIC PULMONARY OS-TEOARTHROPATHY IN CYSTIC FIBROSIS Luke A. Garske; Scott C. Bell

1365 GIANT CELL ARTERITIS PRESENTING WITH ANNULOAORTIC ECTASIA Gabriella Nesi; Chiara Anichini; Elena Pedemonte; Silvia Tozzini; Giancarlo Calamai; Gian Franco Montesi; Franca Gori NORTH AMERICAN PARAGONIMIASIS: CASE

REPORT OF A SEVERE CLINICAL INFECTION

Michael DeFrain; Robert Hooker 1373 STEADY-STATE END-TIDAL ALVEOLAR DEAD SPACE MEASURE AND D-DIMER Franck Verschuren; Frédéric Thys Response – Marc Rodger
1374 CORONARY ENDOTHELIAL DYSFUNCTION IN

PATIENTS WITH HYPERTROPHIC CARDIOMY-Pawel Petkow Dimitrow Response - Koji Kodama-Takahashi: Yuii Shigematsu; Mareomi Hamada; Kunio Hiwada; Yukio Kazatani; Keisuke Matsuzaki; Eiki Murakami

1375 CRYPTOGENIC HEMOPTYSIS AND SMOKING Junichiro Hiyama; Naokatsu Horita; Yutaro Shiota; Tetsuya Ono; Michio Yarnakido Response—Fabrice Boulay; Frédéric Berthier;

Bruno Blaive 1376 PHYSICIAN WORKFORCE AND TRAINEE PLANNING Jerome C. Arnett, Jr.; Jane Orient

Response — Susan K. Pingleton
1377 A DIAGNOSTIC DILEMMA OF SYNCOPE Davinder S. Jassal: Richard Lodge

1378 NICOTINE REDUCTION AND BUPROPION

1378 SIGNIFICANT OMISSION IN ANTITHROM-BOTIC SUPPLEMENT David K. Cundiff

1379 ADENOSINE DEAMINASE LEVELS IN NONTU-BERCULOUS LYMPHOCYTIC PLEURAL EFFUlosé Manuel Porcel; Manuel Vives

1380 DOXAPRAM AND PERCEPTION OF DYSPNEA Satoru Ebihara; Hiromasa Ogawa; Hidetada Sasaki; Wataru Hida; Yoshihiro Kikuchi 1382 BRONCHODILATOR REVERSIBILITY TO AL-

BUTEROL PREDICTS BRONCHODILATOR RE-SPONSE TO SALMETEROL Brian J. Lipworth; Catherine M. Jackson

1382 CAPTAIN OF THE SHIP Paul E. Marik; Max Weinman

1383 NONINVASIVE ELECTROCARDIOGRAPHY IN CLINICAL PRACTICE Fred Kusumoto

1383 INFLAMMATORY MECHANISMS IN ALLERGIC DISEASES Stanley Z. Berman

NUMBER 5, MAY, 2002

1385 PNEUMONOLOGY OR PNEUMOLOGY? AN ETYMOLOGIC APPROACH Ioanna Ramoutsaki; Ioannis Ramoutsakis; Demosthenes Bouros

1387 ACUPUNCTURE FOR ASTHMA: FACT OR FIC-TION? Joseph Varon; Robert E. Fromm, Jr.; Paul E.

1388 LUNG CANCER SCREENING: WHO WILL PICK UP THE TAB?

Frederic W. Grannis, Jr. 1390 VENTILATOR-ASSOCIATED PNEUMONIA AND SURGICAL PATIENTS

David A. Spain CYTOKINES, GENES, AND ARDS

Peter J. Papadakos 1392 PULMONARY MUNCHAUSEN SYNDROME Craig S. Kitchens

1394 NEAR-FATAL ASTHMA: WHAT HAVE WE LEARNED?

Mario Castro 1396 SHORT-TERM ACUPUNCTURE THERAPY IS OF NO BENEFIT IN PATIENTS WITH MODER-ATE PERSISTENT ASTHMA

Michael Y. Shapira: Neville Berkman: Gila Ren-David; Avraham Avital; Elat Bardach; Raphael

COMPARISON OF THE EFFECTS OF SALME-TEROL AND FORMOTEROL IN PATIENTS WITH SEVERE ASTHMA Julia A. Nightingale; Duncan F. Rogers; Peter J. Barnes

1407 NEAR-FATAL ASTHMA: A POPULATION-BASED STUDY OF RISK FACTORS lan Mitchell; Suzanne C. Tough; Lisa K. Semple; Francis H. Green: Patrick A. Hessel

1414 ALTERATIONS IN AIRWAY INFLAMMATION AND LUNG FUNCTION DURING CORTICO-STEROID THERAPY FOR ATOPIC ASTHMA John L. Faul; Elizabeth A. Demers; Conor M. Burke: Leonard W. Poulter

REDUCED INTERLEUKIN-18 LEVELS IN BAL SPECIMENS FROM PATIENTS WITH ASTHMA COMPARED TO PATIENTS WITH SARCOID-COMPANED TO PATIENTS WITH SARCOID-OSIS AND HEALTHY CONTROL SUBJECTS Ling-Pei Ho; Margaret Davis; Alan Denison; Fraser T. Wood; Andrew P. Greening COUGH AND PHLEGM ARE IMPORTANT PRE-DICTORS OF HEALTH STATUS IN SMOKERS

WITHOUT COPD Heijdra; Victor M. Pinto-Plata; Lawrence A. Kenney; John Rassulo; Bartolome R.

1434 DYSPNEA IS A BETTER PREDICTOR OF 5-YEAR SURVIVAL THAN AIRWAY OBSTRUC-TION IN PATIENTS WITH COPD Koichi Nishimura; Takateru Izumi; Mitsuhiro Tsukino; Toru Oga; on Behalf of the Kansai COPD Registry and Research Group in Japan

1441 MORTALITY AFTER HOSPITALIZATION FOR COPD edro Almagro; Esther Calbo; Anna Och

Echagüen; Bienvenido Barreiro; Salvador Quintana: José L. Heredia: Javier Garau

PHARMACOECONOMIC EVALUATION ACUTE EXACERBATIONS OF CHR CHRONIC **BRONCHITIS AND COPD** Marc Miravitlles; Cristina Murio; Tina Guerrero; Ramon Gisbert; for the DAFNE Study Group

1456 DUAL ENERGY X-RAY ABSORPTIOMETRY TREATMENT WITH DIFFERENT GLUCOCORTI-COID REGIMENS Emile F. Dubois; Esther Röder; P. N. Richard Dekhuijzen; Aeilco E. Zwinderman; Dave H.

Schweitzer 1464 FOCAL GROUND-GLASS OPACITY TECTED BY LOW-DOSE HELICAL CT Masao Nakata; Hideyuki Saeki; Ichiro Takata; Yoshihiko Segawa; Hiroshi Mogami; Koichi Mandai; Kenji Eguchi

1468 AORTIC CALCIFICATION ON PLAIN CHEST RADIOGRAPHY INCREASES RISK FOR COR-ONARY ARTERY DISEASE James Li; Hannah K. Galvin; Sandra C. Johnson; Charles S. Langston; Joy Sclamberg; Charles A. Preston

1472 SIGNIFICANCE OF ABNORMAL CHEST RA-DIOGRAPH FINDINGS IN PATIENTS WITH HIV-1 INFECTION WITHOUT RESPIRATORY SYMPTOMS Jeffrey A. Gold; William N. Rom; Timothy J. Harkin

1478 THE ROLE OF MATRIX METALLOPROTEIN-ASE-9 AND TISSUE INHIBITOR OF METALLO-PROTEINASE-1 IN CRYPTOGENIC ORGANIZ-ING PNEUMONIA Koang H. Choi; Heung B. Lee; Min Y. Jeong; Yang K. Rhee; Myung J. Chung; Yong G. Kwak;

Yong C. Lee 1486 APPLYING SPUTUM AS A DIAGNOSTIC TOOL IN PNEUMONIA: LIMITED YIELD, MINIMAL IM-PACT ON TREATMENT DECISIONS

Santiago Ewig; Matthias Schlochtermeier; Norb-ert Göke; Michael S. Niederman 1493 ROLE OF INTERLEUKIN-18 AND T-HELPER

TYPE 1 CYTOKINES IN THE DEVELOPMENT OF MYCOPLASMA PNEUMONIAE PNEUMO-NIA IN ADULTS Hiroshi Tanaka; Mitsuo Narita; Shin Teramoto; Toyohiro Saikai; Kensuke Oashi; Tomofumi Igarashi; Shosaku Abe

1498 ENDOBRONCHIAL ULTRASONOGRAPHY FOR MEDIASTINAL AND HILAR LYMPH NODE ME-TASTASES OF LUNG CANCER Hiroaki Okamoto; Koshiro Watanabe; Akira Na-gatomo; Hiroshi Kunikane; Hiromi Aono; Tatsushi Yamagata; Masahiro Kase

2093

1507 SCREENING FOR LUNG CANCER WITH CT: A PRELIMINARY COST-EFFECTIVENESS ANAL-

Thomas N. Chirikos; Todd Hazelton; Melvin Tockman; Robert Clark

1515 STAGING IN LUNG CANCER: IS 3 CM A PROG-

NOSTIC THRESHOLD IN PATHOLOGIC STAGE I NON-SMALL CELL LUNG CANCER? A MUL-TICENTER STUDY OF 1,020 PATIENTS Ángel López-Encuentra; José Luis Duque-Medina; Ramón Rami-Porta; Agustín Gómez de la Cámara; Paloma Ferrando; for the Bronchogenic Carcinoma Co-operative Group of the Spanish Society of Pneumology and Thoracic

Surgery
1521 THE INCIDENCE AND THE RISK OF PNEUMO-THE INCIDENCE AND THE RISK OF THEOMO-THORAX AND CHEST TIJBE PLACEMENT AF-TER PERCUTANEOUS CT-GUIDED LUNG BI-OPSY: THE ANGLE OF THE NEEDLE TRAJECTORY IS A NOVEL PREDICTOR Hisashi Saji; Haruhiko Nakamura; Takaak Tsuchida; Masahiro Tsuboi; Norihiko Kawate; Chimori Konaka; Harubumi Kato

1527 ARE FEMORAL BROVIAC CATHETERS EFFEC-ARE FEMORAL BROVIAC CATHETERS EFFECTIVE AND SAFE? A PROSPECTIVE COMPARISON OF FEMORAL AND JUGULAR VENOUS BROVIAC CATHETERS IN NEWBORN IN-

FANTS

Daniel T. Murai 1531 UPPER AIRWAY COLLAPSIBILITY DURING SLEEP IN LIPPER AIRWAY RESISTANCE SYN-DROME

Avram R. Gold; Carole L. Marcus; Francis Di-palo: Morris S. Gold

1541 ADHESION MOLECULES IN PATIENTS WITH CORONARY ARTERY DISEASE AND MODER-ATE-TO-SEVERE OBSTRUCTIVE SLEEP AP-NEA

Ali A. El-Solh; M. Jeffery Mador; Pawan Sikka; Rajwinder S. Dhillon; Daniel Amsterdam; Brydon J. B. Grant

1548 IMPACT OF RESPIRATORY COMPLICATIONS ON LENGTH OF STAY AND HOSPITAL COSTS IN ACUTE CERVICAL SPINE INJURY Christopher Winslow; Rita K. Bode; Dan Felton; David Chen; Paul R. Meyer, Jr. THE EFFECT OF NONINVASIVE INTERMIT-

TENT POSITIVE-PRESSURE VENTILATION DURING EXERCISE IN SEVERE SCOLIOSIS Martin P. Highcock; Ian E. Smith; John M.

TRANSITIONING FROM IV EPOPROSTENOL TO SUBCUTANEOUS TREPROSTINIL IN PUL-MONARY ARTERIAL HYPERTENSION Jean-Luc Vachiéry; Nicholas Hill; Diane Zwicke;

Robyn Barst; Shelmer Blackburn; Robert Naeije 1566 HEMODYNAMIC EFFECTS OF AEROSOLIZED ILOPROST IN PULMONARY HYPERTENSION AT REST AND DURING EXERCISE

Friedrich C. Blumberg; Günter A. J. Riegger, Michael Pfeifer Michael Pfeifer

1572 OSCILLATORY VENTILATION DURING EXER-CISE IN PATIENTS WITH CHRONIC HEART FAILURE: CLINICAL CORRELATES AND PROGNOSTIC IMPLICATIONS

Ugo Corrà; Andrea Giordano; Enzo Bosimini; Alessandro Mezzani; Massimo Piepoli; Andrew J. S. Coats; Pantaleo Giannuzzi

1501

PROGNOSTIC POWER OF VENTILATORY RE-SPONSES DURING SUBMAXIMAL EXERCISE IN PATIENTS WITH CHRONIC HEART DISEASE Akira Koike: Haruki Itoh: Makoto Kato: Hitoshi Sawada; Tadanori Aizawa; Long Tai Fu; Hiroshi Watanabe

1589 ELEVATED SERUM LIPOPROTEIN(A) LEVEL IS AN INDEPENDENT MARKER OF SEVERITY OF THORACIC AORTIC ATHEROSCLEROSIS Marcel Peltier; Michèle C. lannetta Peltier; Ma rice E. Sarano; Jean-Philippe M. Lesbre; Jean-Laurent Colas; Christophe M. Tribouilloy

1595 SAFETY OF PRESSURE-VOLUME CURVE MEASUREMENT IN ACUTE LUNG INJURY AND ARDS USING A SYRINGE TECHNIQUE Warren L. Lee; Thomas E. Stewart; Rod Mac-Donald; Stephen Lapinsky; David Banayan; David Hallett; Sangeeta Mehta

1602 THE EPIDEMIOLOGY OF ACUTE RESPIRA-TORY FAILURE IN CRITICALLY ILL PATIENTS Jean-Louis Vincent; Serdar Akça; Arnaldo de Mendonça; Philip Haji-Michael; Charles Sprung; Rui Moreno; Massimo Antonelli; Peter M. Suter; on behalf of the SOFA Working Group

1610 PROGNOSTIC JUDGMENTS AND TRIAGE DE-CISIONS FOR PATIENTS WITH ACUTE CON-GESTIVE HEART FAILURE

Wally R. Smith; Roy M. Poses; Donna K. Mc-Clish; Elizabeth C. Huber; F. Lynne W. Clemo; Donna Alexander; Brian P. Schmitt 1618 INCIDENCE AND OUTCOME OF POLYMICRO-

BIAL VENTILATOR-ASSOCIATED PNEUMONIA BIAL VENTILATOR-ASSOCIATED PNEUMONIA Alain Combes; Corinne Figliolini; Jean-Louis Trouillet; Najibi Kassis; Michel Wolff; Claude Gibert: Jean Chastre

VASCULAR ENDOTHELIAL GROWTH FACTOR EXPRESSION IN AIRWAYS OF PATIENTS WITH LUNG CANCER: A POSSIBLE DIAGNOS-TOOL OF RESPONSIVE ANGIOGENIC STATUS ON THE HOST SIDE Yasuhiko Ohta; Naohiro Ohta; Masaya Tamura; Jian Wu; Yoshio Tsunezuka; Makoto Oda: Go

1628 PERIOPERATIVE HEMODYNAMIC AND GEO-METRIC CHANGES OF THE LEFT VENTRICLE DURING CARDIOMYOPLASTY IN GOATS WITH DILATED LEFT VENTRICLE Gil Bolotin; Roberto Lorusso; Jan J. Schreuder; Hans Kaulbach; Gideon Uretzky; Frederick van

1634 STABILITY OF FROZEN METHACHOLINE SO LUTIONS IN UNIT-DOSE SYRINGES FOR BRONCHOPROVOCATION Michael J. Asmus; Leigh M. Vaughan; Malcolm

R. Hill; Sarah E. Chesrown; Leslie Hendeles

1638 ALCOHOLIC CARDIOMYOPATHY: INCI-DENCE, CLINICAL CHARACTERISTICS, AND PATHOPHYSIOLOGY

RECENT ADVANCES IN CENTRAL AIRWAY IM-AGING

Phillip M. Boiselle; Armin Ernst STRENGTHENING ASTHMA EDUCATION TO ENHANCE DISEASE CONTROL

Noreen M. Clark; Martyn R. Partridge SINOBRONCHIAL ALLERGIC MYCOSIS: THE SAM SYNDROME

Daniel L. Venarske; Richard D. deShazo DIAGNOSTIC VALUE OF MEDICAL THORA-COSCOPY IN PLEURAL DISEASE: A 6-YEAR RETROSPECTIVE STUDY François-Xavier Blanc; Kinan Atassi: Jean Big-

non; Bruno Housset

1684 ASYMPTOMATIC CORONARY ARTERY DIS-EASE: CHOICES IN EVALUATION Allan Zelinger; Roberto Wayhs; Thomas B. Graboys; Morton E. Tavel

1688 A 47-YEAR-OLD WOMAN WITH WHEEZING AND RESPIRATORY FAILURE UNRESPON-SIVE TO CONVENTIONAL VENTILATORY MO-DALITIES David L. Dedrick; Lee K. Brown; Douglas W.

1692 ANTERIOR CHEST WALL MASS IN A 46-YEAR-OLD WOMAN

George S. Stoica; Harry N. Steinberg; Leonard

1695 FLEXIBLE BRONCHOSCOPIC MANAGEMENT OF AIRWAY FOREIGN BODIES IN CHILDREN Karen L. Swanson; Udaya B. S. Prakash; David E. Midthun; Eric S. Edell; James P. Utz; John C. McDougall; W. Mark Brutinel CANDY COCAINE ESOPHAGUS

Matthew E. Cohen; Jeffrey G. Kegel

1703 DELAYED CLOSURE OF PERSISTENT POST-PNEUMONECTOMY BRONCHOPLEURAL FIS-TULA

Dale K. Mueller; Patrick E. Whitten; William P. Tillis; Linda M. Bond; James R. Munns 1704 A "STORY" OF A WOMAN WITH CYSTIC FI-

Kristin B. Highland; Patrick A. Flume 1707 AN UNCOMMON MIMIC OF AN ACUTE

ASTHMA EXACERBATION David Zaas; Malcolm Brock; Stephen Yang; J. T. Sylvester

1710 DEATH ASSOCIATED WITH RIFAMPIN AND PYRAZINAMIDE 2-MONTH TREATMENT OF LATENT MYCOBACTERIUM TUBERCULOSIS Ann Medinger

1712 AN UNUSUAL CASE OF PNEUMORRHACHIS FOLLOWING RESECTION OF LUNG CARCI-Ross L. Ristagno; Loren F. Hiratzka; Raymond C. Rost. Jr.

1714 SCEDOSPORIUM APIOSPERMUM FUNGEMIA IN A LUNG TRANSPLANT RECIPIENT Rishi Raj; Adaani E. Frost

1716 COMMON FEATURES IN THE ONSET OF ARDS AFTER ADMINISTRATION OF GRANU-LOCYTE COLONY-STIMULATING FACTOR

Hiroyuki Takatsuka; Yoshinobu Takemoto; Ako Mori; Takahiro Okamoto; Akihisa Kanamaru; Eizo Kakishita

DETECTION OF COPD IN HIGH-RISK POPU-LATIONS Konstantinos I. Gourgoulianis; Konstantinos Hristou; Paschalis A. Molyvdas Response – Jan Zieliński

1722 PEDIATRIC PRIMARY PULMONARY TUBER-CUI OSIS

COLOSIS

Deniz Doğru; Uğur Özçelik; Ayhan Göçmen
Response—José M. Merino
1723 EXHALED CARBON MONOXIDE IN COPD

Hiroshi Kawane
Response—Paolo Montuschi
VASOPRESSIN AND CARDIAC PERFOR-MANCE William L. Jackson, Jr.; Andrew F. Shorr Response—Cheryl L. Holmes; Keith R. Walley; James A. Russell

1724 USEFULNESS OF METHEMOGLOBIN/HAPTO-GLOBIN ANALYSIS IN THE FOLLOW-UP OF GLOBIN ANALTSIS IN THE POLLOW-UP OF SEVERE IMMUNE HEMOLYTIC ANEMIA Toshio Okazaki; Mitsuyuki Suzuki; Tatsuo Nagai Response—Ping-Hung Kuo; Kwen-Tay Luh 1725 CT SCREENING FOR EARLY STAGE LUNG

John H. M. Austin; Gregory D. N. Pearson; Byron Thomashow

ADEQUATE TIDAL VOLUME WITH ROW-A-BOAT PHENOMENON IN ADVANCED DUCH-ENNE MUSCULAR DYSTROPHY

Fumihiko Yasuma; Takashi Kato; Masahiro Naya 1726 PREDICTIVE PARAMETERS OF DROPOUT DURING INHALED CORTICOSTEROID TAPER-Daniel K. C. Lee; Graeme P. Currie; Brian J.

Lipworth 1728 SURGICAL INTENSIVE CARE MEDICINE

Mark S. Kestner WRITING, SPEAKING, AND COMMUNICATION SKILLS FOR HEALTH PROFESSIONALS JoLynn Muraida

NUMBER 5, MAY, 2002 SUPPLEMENT

113 COPD IN 2001: A MAJOR CHALLENGE FOR MEDICINE, THE PHARMACEUTICAL INDUSTRY, AND SOCIETY Stephen I. Rennard: Stephen G. Farmer

COPD IN PERSPECTIVE Thomas L. Petty

COPD: EPIDEMIOLOGY, PREVALENCE, MOR-BIDITY AND MORTALITY, AND DISEASE HET-David M Manning III

SYSTEMIC EFFECTS IN COPD Emil F. M. Wouters; Eva C. Creutzberg; Annemie M. W. J. Schols

MUSCLE METABOLISM AND EXERCISE TOL-**ERANCE IN COPD**

Michael I. Polkey
EXACERBATIONS: ETIOLOGY AND PATHO-PHYSIOLOGIC MECHANISMS Jadwiga A. Wedzicha AIRWAYS INFLAMMATION AND COPD: EPI-

THELIAL-NEUTROPHIL INTERACTIONS
Carol A. Pettersen; Kenneth B. Adler
NEUTROPHILS AND THE PATHOGENESIS OF

COPD

Robert A. Stockley
MACROPHAGES AND THE PATHOGENESIS 156 OF COPD

Teresa D. Tetley INFLAMMATION OF THE AIRWAYS AND LUNG 160 PARENCHYMA IN COPD: ROLE OF T CELLS Manuel G. Cosio; Joaquim Majo; Monica G.

MUCIN APOPROTEIN EXPRESSION IN COPD George D. Leikauf; Michael T. Borchers; Daniel R. Prows; Leigh G. Simpson

LATENT ADENOVIRUS INFECTION IN COPD Shizu Hayashi A MODEL OF TOBACCO SMOKE-INDUCED

A MIDDEL OF TOBACCO SINGAE-INDUCED AND ALIFILOW OBSTRUCTION IN THE GUINEA PIG Joanne L. Wright; Andrew Churg PHOSPHODIESTERASE 4 INHIBITORS FOR THE TREATMENT OF COPD

Graham Sturton; Mary Fitzgerald 5-LIPOXYGENASE INHIBITORS FOR THE TREATMENT OF COPD Stephen Kilfeather

- 201 P2Y2 RECEPTOR AGONISTS: A NEW CLASS OF MEDICATION TARGETED AT IMPROVED MUCOCILIARY CLEARANCE
- Donald J. Kellerman

 CONTRIBUTIONS OF RETINOIDS TO THE
 GENERATION AND REPAIR OF THE PULMONARY ALVEOLUS
 SENDER MCOURD
- Stephen E. McGowan

 CYTCKINES AND THERAPY IN COPD: A
 PROMISING COMBINATION?

 W. I. de Boer
- 219 JOHN HUTCHINSON'S MYSTERIOUS MA-CHINE REVISITED Thomas L. Petty

NUMBER 6, JUNE, 2002

- 1729 OBSTRUCTIVE SLEEP APNEA: ASLEEP IN OUR CONSCIOUSNESS NO MORE
- Michael Lither: Cathy Alessi
 1730 IS THE RELATIONSHIP BETWEEN OBSTRUC-TIVE SLEEP APNEA AND GASTROESOPHA-GEAL REFLUX CLINICALLY IMPORTANT? Stephen K. Field: William Ward Flemons

Stephen K. Field; William Ward Flemons

1733 CHALLENGES OF TREATING LATENT TUBER-CULOSIS INFECTION

Neil W. Schluger
1735 ORAL VS INHALED CORTICOSTEROIDS FOLLOWING EMERGENCY DEPARTMENT DISCHARGE OF PATIENTS WITH ACUTE ASTHMA
Paul E. Marik; Joseph Varon
1736 PREDICTING OUTCOME IN PRIMARY GRAFT

1736 PREDICTING OUTCOME IN PRIMARY GRAF

- Alexander G. Duarte; Scott Lick

 1738 THE ANARCHY OF WEANING TECHNIQUES
 Constantine A. Manthous
- 1741 INCREASED PHYSICIAN-REPORTED SLEEP APNEA: THE NATIONAL AMBULATORY MEDI-CAL CARE SURVEY Andrew M. Namen; Donnie P. Dunagan; Alan Fleischer; Janine Tillett; Molly Barnett; W. Yaughn McCall; Edward F. Haponik

1748 SYMPTOMATIC GASTROESOPHAGEAL RE-FLUX IN SUBJECTS WITH A BREATHING SLEEP DISORDER Arschang Valipour; Himender K. Makker; Rebecca Hardy; Stephen Emegbo; Tudor Toma; Stephen G. Spiro

1754 FACTORS AFFECTING THE INCIDENCE OF STENOTROPHOMONAS MALTOPHILIA ISO-LATION IN CYSTIC FIBROSIS

Gavin R. Graff; Jane L. Burns
1761
USE OF THE GAS EXCHANGE THRESHOLD
TO NONINVASIVELY DETERMINE THE LACTATE THRESHOLD IN PATIENTS WITH CYSTIC
FIBROSIS
Alasdair G. Thin; Seamus J. Linnane; Edward F.
McKone: Rosemarie Freanev: Muiris X. FitzGer-

Alasdair G. Inn; Seamus J. Linnane; Łoward F. McKone; Rosemarie Freane; Muiris X. FitzGeraid; Charles G. Gallagher; Paul McLoughlin 1771 COST-EFFECTIVENESS OF TUBERCULOSIS PROPHYLAXIS AFTER RELEASE FROM SHORT-TERM COR

1776 CLINICAL PRESENTATION OF COMMUNITY-ACQUIRED CHLAMYDIA PNEUMONIAE PNEUMONIA IN ADULTS
Naoyuki Miyashita; Hiroshi Fukano; Niro Okimoto; Hiroki Hara; Koichiro Yoshida; Yoshihito Niki; Toshiharu Matsushima

1782 MYCOPLASMA PNEUMONIAE AND CHLA-MYDIA PNEUMONIAE IN ASTHMA: EFFECT OF CLARITHROMYCIN Monica Kraft: Gail H. Cassell: Juno Pak: Richard

1789 IMPACT OF A BRONCHIOLITIS GUIDELINE: A MULTISITE DEMONSTRATION PROJECT Uma R. Kotagai; James M. Robbins; Narendra M. Kini; Pamela J. Schoettker, Harry D. Atherton Mark S. Virenbeurg

Urna H. Kotagai; James M. Hobbins; Narendra M. Kini; Pamela J. Schoettker; Harry D. Atherton; Mark S. Kirschbaum
1798 REPLACEMENT OF ORAL CORTICOSTEROIDS IN THE TREATMENT OF ACUTE ASTHMA FOLLOWING EMERGENCY DEPARTMENT DISCHARGE: A META-ANALYSIS
Marcia L. Edmonds; Carlos A. Camargo, Jr.; Barry E. Brenner; Brian H. Rowe

1806 AIRWAY DEHYDRATION: A THERAPEUTIC TARGET IN ASTHMA? Edward Moloney; Siobhan O'Sullivan; Thomas Hogan; Leonard W. Poulter; Conor M. Burke 1812 SAFETY OF A CYCLOOXYGENASE-2 INHIBI-TOR IN PATIENTS WITH ASPIRIN-SENSITIVE ASTHMA

Cristina Martin-García; Miguel Hinojosa; Pilar Berges; Encamación Camacho; Rosa García-Rodriguez; Teresa Alfaya; Alberto Iscar 1818 PULMONARY FUNCTION CHARACTERISTICS

1818 PULMONARY FUNCTION CHARACTERISTICS IN PATIENTS WITH DIFFERENT PATTERNS OF METHACHOLINE AIRWAY HYPERRESPON-SIVENESS

Annie Lin'Parker; Dennis McCool

1824 IMPROVEMENTS IN ASTHMA QUALITY OF
LIFE BUT MAINTENANCE OF CONVENTIONAL
CLINICAL INDEXES IN PATIENTS CHANGED
FROM CHLOROFLUOROCARBON BECLOMETHASONE DIPROPIONATE TO APPROXIMATELY HALF THE DOSE OF HYDROFLUOROALKANE BECLOMETHASONE
DIPROPIONATE

Elizabeth F. Juniper; David B. Price; Patti A. Stampone; Jacques P. H. M. Creemers; Stijn J. M. Mol; Philip Fireman

1833 UNDERSTANDING AND USE OF INHALER MEDICATION BY ASTHMATICS IN SPECIALTY CARE IN TRINIDAD: A STUDY FOLLOWING DEVELOPMENT OF CARIBBEAN GUIDELINES FOR ASTHMA MANAGEMENT AND PREVENTION Lexiey M. Pinto Pereira; Yuri Clement; Cecil K.

Da Silva; Duane McIntosh; Donald T. Simeon
ASTHMA AND COPD AMONG ABORIGINALS
IN ALBERTA, CANADA
Don D. Sin; Heather Wells; Lawrence W. Sven-

son; S. F. Paul Man

1847 ANALYSIS OF EXHALED NITRIC OXIDE BY

1847 ANALYSIS OF EXHALED NITRIC OXIDE BY THE HELIUM BOLUS METHOD Masaharu Shinkai; Shunsuke Suzuki; Akira Miyashita; Hideo Kobayashi; Takao Okubo; Yoshiaki Ishipatsubo

1853 Shiaki Ishigatsubo
1853 SKHALED NITRIC OXIDE AND BRONCHIAL
RESPONSIVENESS TO ADENOSINE 5'MONOPHOSPHATE IN SUBJECTS WITH ALLERGIC RHINITIS

Luis Prieto; Valentina Gutiérrez; Sonia Uixera
1860 CLNICAL EFFICACY OF SITAXSENTAN, AN
ENDOTHELIN-A RECEPTOR ANTAGONIST, IN
PATIENTS WITH PULMONARY ARTERIAL HYPERTENSION: OPEN-LABEL PILOT STUDY
Robyn J. Barst; Stuart Rich; Allison Widlitz;
Evelyn M. Horn; Vallerie McLaughlin; Joyce
McFarlin

1869 ARTERIAL OXYGENATION ASSOCIATED WITH PORTOPULMONARY HYPERTENSION

PORTOPULIONART PREPETEINION
Karen L. Swanson; Michael J. Krowka
1876 PRIMARY GRAFT FALLURE FOLLOWING
LUNG TRANSPLANTATION: PREDICTIVE FACTORS OF MORTALITY
Gabriel Thabut; Isabelle Vinatier; Jean-Baptiste
Stern; Guy Lesèche; Philippe Loirat; Michel
Fournier; Hervé Mal

883 BRONCHIOLITIS OBLITERANS SYNDROME AFTER SINGLE-LUNG TRANSPLANTATION: IMPACT OF TIME TO GNSET ON FUNCTIONAL PATTERN AND SURVIVAL Olivier Brugière; Fabienne Pessione; Gabriel Thabut; Hervé Mal, Gilles Jebrak; Guy Lesèche;

Michel Fournier
1890 RISK FACTORS FOR EARLY MORTALITY AND
MAJOR COMPLICATIONS FOLLOWING
PNEUMONECTOMY FOR NON-SMALL CELL
CARCINOMA OF THE LUNG
Mary Linker Hospital Scriptogylary John
Mary Linker Hospital Scriptogylary John

Marc Licker; Anastase Spiliopoulos; Jean-Georges Frey; John Robert; Laurent Höhn; Marc de Perrot: Jean-Marie Tschoop

de Perrot; Jean-Marie Tschopp 1898 EFFECTS OF EMPHYSEMA AND LUNG VOL-UME REDUCTION SURGERY ON TRANSDIA-PHRAGMATIC PRESSURE AND DIAPHRAGM LENGTH François Bellemare; Marie-Pierre Cordeau; Jacques Couture; Edwin Lafontaine; Pierre Leblanc; Louise Passerini

1911 VOCAL CORD PARALYSIS AFTER SURGERY FOR THORACIC AORTIC ANEURYSM Shin-ichi Ishimoto; Ken Ito; Masaaki Toyama; Isamu Kawase; Kenji Kondo; Kiyoshi Oshima; Seili Niimi

1916 MULTILEVEL LIKELIHOOD RATIOS FOR IDEN-TIFYING EXUDATIVE PLEURAL EFFUSIONS

John E. Heffner; Steven A. Sahn; Lee K. Brown
1921 INTRAPLEURAL INFUSION OF ACTIVATED
MACROPHAGES AND I'-INTERFERON IN MALIGNANT PLEURAL MESOTHELIOMA: A
PHASE II STUDY
Sabelle Monnet; Jean-Luc Breau; Denis Moro;
Hervé Lena: Jean-Christophe Eymard: Olivier

Ménard; Jean-Philippe Vuillez; Mohamed Chokri; Jean-Loup Romet-Lemonne; Manuel Lopez

1928 ASSOCIATION BETWEEN PLASMA ENDOTHE-LIN-1 LEVELS AND CHEYNE-STOKES RESPI-RATION IN PATIENTS WITH CONGESTIVE HEART FAILURE Ali A. El-Solh; Erkan Bozkanat; Jeffery Mador;

Brydon J. B. Grant

1935 VALUE OF DOPPLER INDEX COMBINING SYSTOLIC AND DIASTOLIC MYOCARDIAL PERFORMANCE IN PREDICTING CARDIOPULMONARY EXERCISE CAPACITY IN PATIENTS
WITH CONGESTIVE HEART FAILURE: EFFECTS OF DOBUTAMINE

Franciscos J. Partherasis: Marina K. Kanakarski:

Fragiskos I. Parthenakis; Marina K. Kanakaraki; Emmanuel M. Kanoupakis; Emmanuel I. Skalidis; George F. Diakakis; Olvia K. Filippou; Panos E. Vardas

1942 CHARACTERISTICS OF THE ACUTE RISE OF ATRIAL NATRIURETIC FACTOR DURING VEN-TRICULAR PACING Michael A. Zuilo

1947 VARIATIONS IN THE MEASUREMENT OF WEANING PARAMETERS: A SURVEY OF RE-SPIRATORY THERAPISTS GIVEN SON HOE! LOUIS Park

Guy W. Soo Hoo; Louis Park

1956 EFFECT OF CRYSTALLOID RESUSCITATION
AND INHALATION INJURY ON EXTRAVASCULAR LUNG WATER: CLINICAL IMPLICATIONS
Charlotte Holm; Julia Tegeler; Martina Mayr;
Ullrich Pfeiffer; Guido Henckel von Donnersmarck; Wolfgang Mühlbauer

Charlotte Holm; Julia Tegeler; Martina Mayr; Ullrich Pfeiffer; Guido Henckel von Donnersmarck; Wolfgang Mühlbauer 1963 DOES ACUTE ORGAN DYSFUNCTION PRE-DICT PATIENT-CENTERED OUTCOMES? Gilles Clermont; Derek C. Angus; Walter T. Linde-Zwirble; Martin F. Griffin; Michael J. Fine;

Michael R. Pinsky 1972 INCIDENCE OF ARDS IN AN ADULT POPULA-TION OF NORTHEAST OHIO Alejandro C. Arroliga; Ziad W. Ghamra; Alejandro Perez Trepichio; Patricia Perez Trepichio; John J. Komara, Jr.; Andre Smith; Herbert P.

1977 THE ROLE OF ANTICHOLINERGICS IN ACUTE ASTHMA TREATMENT: AN EVIDENCE-BASED EVALUATION

Gustavo J. Rodrigo; Carlos Rodrigo 1988 THE CLINICAL SPECTRUM OF PULMONARY ASPERGILLOSIS Ayman O. Soubani; Pranatharthi H. Chan-

2000 PREDICTING FLUID RESPONSIVENESS IN ICU PATIENTS: A CRITICAL ANALYSIS OF THE EVIDENCE Frédéric Michard; Jean-Louis Teboul

2009 PULMONARY ARTERY CATHETER: DOES THE PROBLEM LIE IN THE USERS?

Pierre Squara; David Bennett; Claude Perret 2016 SEXUAL CONTENT OF ADVERTISEMENTS AND THE SMOKING PROCESS IN ADOLES-CENTS Raul H. Sansores; Gustavo Giraldo-Buitrago;

Carl Reddy; Alejandra Ramírez-Venegas 2023 THE POTENTIALLY COERCIVE NATURE OF SOME CLINICAL RESEARCH TRIAL ACRO-NYMS

James P. Orlowski; James A. Christensen 2029 DONOR CRITERIA IN LUNG TRANSPLANTA-TION: AN ISSUE REVISITED David Weill

2032 FOUR-STEP LOCAL ANESTHESIA AND SEDA-TION FOR THORACOSCOPIC DIAGNOSIS AND MANAGEMENT OF PLEURAL DISEASES Marcello Migliore; Riccardo Giuliano; Tarek Aziz; Bashaert A Saart Francesco Scalambro

AND MANAGEMENI OF PLEUVRA DISEASES Marcello Migliore; Riccardo Giuliano; Tarek Aziz; Rasheed A. Saad; Francesco Sgalambro 2036 ACUTE-ONSET QUADRIPLEGIA, RESPIRA-TORY FAILURE, AND VENTRICULAR TACHY-CARDIA IN A 21-YEAR-OLD MAN FOLLOWING A SOCCER MATCH Gökhan M. Mutiu; Phillip Factor

2040 SEASONAL DYSPNEA Carlos Ramirez-Icaza; Helen T. Winer-Muram; Cristopher A. Meyer; S. Gregory Jennings

2044 A LONGITUDINAL STUDY OF CHEST RADIO-GRAPHIC CHANGES OF WORKERS IN THE REFRACTORY CERAMIC FIBER INDUSTRY James E. Lockey; Grace K. LeMasters; Linda Levin; Carol Rice; James Yiin; Susan Reutman; Diane Papes

2052 SPIROMETRIC ABNORMALITIES ASSOCI-ATED WITH CHRONIC BRONCHITIS, ASTHMA, AND AIRWAY HYPERRESPONSIVENESS AMONG BOILERMAKER CONSTRUCTION WORKERS

Russ Hauser; Ellen A. Eisen; Lucille Pothier; Daniel Lewis; Toni Bledsoe; David C. Christiani 1061 THYMOMA AND MYOTONIC DYSTROPHY: SUCCESSFUL TREATMENT WITH CHEMO-THERAPY AND RADIATION: CASE REPORT AND REVIEW OF THE LITERATURE Ganesh C. Kudva; Kochurani Maliekel; Han J. Kim; Keith S. Naunheim; Cary Stolar; James W.

Fletcher; Sanjeev Puri

Fietcher; Sanjeev Puri
2063 ANOMALOUS COLLATERAL FROM THE CORONARY ARTERY TO THE AFFECTED LUNG IN
A CASE OF CONGENITAL ABSENCE OF THE
LEFT PULMONARY ARTERY; EFFECT ON
CORONARY CIRCULATION

George E. Kochiadakis; Stavros I. Chrysostomakis; Nikos E. Igoumenidis; Emmanuel I. Skalidis; Panos E. Vardas

2066 NEW PROCEDURE: BRONCHOSCOPIC EN-DOBRONCHIAL SEALING: A NEW MODE OF MANAGING HEMOPTYSIS Parthasarathi Bhattacharyya; Anjan Dutta; An-

anta Narayan Samanta; Samrat Roy Chowdhury 2069 ENDOBRONCHIAL ACTINOMYCOSIS ASSO-CIATED WITH FOREIGN BODY: FOUR CASES AND A REVIEW OF THE LITERATURE Stéphane Chouabe; Dominique Perdu; Gaétan Deslée; Dragisa Milosevic; Elisabeth Marque; François Lebargy

2072 PROGRESSION OF IDIOPATHIC PULMONARY FIBROSIS IN NATIVE LUNGS AFTER SINGLE LUNG TRANSPLANTATION Momen M. Wahidi; James Ravenel; Scott M. Palmer; H. Page McAdams

2077 CRITICALLY ILL OBSTETRIC PATIENTS

TREATED IN AN ICU José Olarra; Ana M. Longarela; Luis Suarez; Francisco Javier Palacio Response—Bekele Afessa 2078 STRENGTH OF EVIDENCE FOR LOW-MOLEC-

ULAR-WEIGHT HEPARIN
Carlos Alonso-Ortiz del Rio; Alberto RomeroAlonso; Ignacio Marin-Leon; Manuel Rincon-Gomez Response – William H. Geerts

2079 OCTREOTIDE IN THE TREATMENT OF CHY-LOTHORAX Dimitrios Mikroulis; Vassilios Didilis; Grigorios Bitzikas; Georgios Bougioukas Response—Nicholas J. Demos 2081 ENDOBRONCHIAL SARCOIDOSIS AND HY-

PERREACTIVE AIRWAYS DISEASE Gene R. Pesola; Mostafa Kurdi; Margaret Olibrice Response—Andrew F. Shorr; Kenneth G. Tor-rington: Oleh W. Hnatiuk

2081 PREOPERATIVE BRONCHOSCOPIC BIOPSIES AND STAGING

Alessandro Baisi; Luigi Bonavina Response – Martin Riedel

2082 OUTPATIENT PULMONARY REHABILITATION P.J. Wijkstra; G.H. Koeter Response - James P Finnerty

2083 SPIRAL CT IS NOT THE FINAL ANSWER Ousama Dabbagh: Carl Kaplan

2083 SALMETEROL POWDER PROVIDES SIGNIFI-CANTLY BETTER BENEFIT THAN MONTE-LUKAST IN ASTHMATIC PATIENTS RECEIV-ING CONCOMITANT INHALED CORTICO-STEROID THERAPY J. Christian Virchow

2084 ENVIRONMENTAL TOBACCO SMOKE EXPO-SURE AND ADULT ASTHMA Mark D. Eisner

2084 WORKUP FOLLOWING TISSUE EXPECTORA-TION

Raymond A. Dieter, Jr. 2085 WORRY LIST

Dean Gianakos 2085 ERRATA

2085 CLARIFICATION

2086 MECHANICAL VENTILATION MANUAL Srinivasan Devanathan

2086 PEDIATRIC PULMONARY PEARLS Carin Lamm